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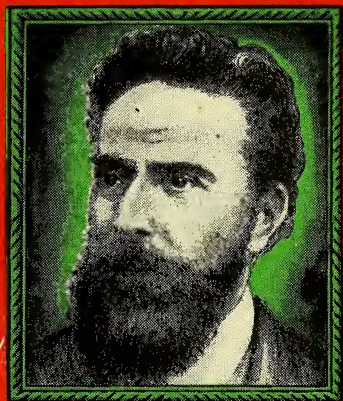
The CHEMIST AND DRUGGIST

RETAILER - WHOLESALE - MANUFACTURER

ed 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

45 FEBRUARY 16, 1946 Annual Subscription (with
V Diary) 25/- Single copies 9d.

SCIENCE & PHARMACY SERIES No. 39



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MUNICH

Wilhelm Conrad ROENTGEN

One of the major benefactors of humanity, by his discovery (Nov. 8th, 1895) of X-rays, freely given to the world without personal gain. Professor Roentgen was honoured with the Nobel Prize for Physics in 1901. The new science of the Atomic age is a linear descendant of the science of Radiology born out of Roentgen's work. Let us pray that the benefits may be as positive and as selfless.

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CAPSULES

(Vitamin B Complex)

ARE ONCE MORE AVAILABLE

•

EACH ‘Dibexin’ Capsule contains 1 mgm. of crystalline vitamin B₁ (Aneurine Hydrochloride) and 0.1 mgm. of vitamin B₂ (Riboflavin) together with the recognized components of the vitamin B complex, derived from liver.

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In bottles of 25 and 100 capsules.

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PARKE, DAVIS & CO.
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Inc. U.S.A., Liability Ltd.

in case you're wondering . . .

In spite of all the difficulties, we are managing to catch up on our deliveries of Milton Denture Powder.

For the moment, we're still restricted to supplying the 1/3d. size, and we still have arrears of orders to clear up. But we hope we shall be in a position to accept orders for current delivery sometime in March.

This is just to keep you posted. If you have an order in with us, you can rest assured it is now having attention. No need to re-order.

At any rate, you know now by experience that there's no delay about *selling* Milton Denture Powder !

PATA

MILTON ANTISEPTIC LTD.

10/12, BREWERY ROAD, LONDON, N.7

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The policy of the Knox Laboratories Ltd., has always been one of creating product confidence by giving users an assurance of satisfaction or money refunded.

To-day, in their Nation-wide advertising, all announcements carry this guarantee of honest trading and straightforward dealing.

to ensure that you get better quickly:—(1) starts almost at once to soothe and comfort, thus enabling you to get restful, refreshing sleep. (2) Gets rid of health-destroying poisonous acids with which your system may have become saturated. (3) Strengthens and reinvigorates kidney action, protects the delicate filter organism and stimulates the system.

**MONEY REFUNDED
IF DISSATISFIED**

If for any reason you are dissatisfied with Cystex, return empty package to manufacturers at address below and the purchase price will be refunded in full.

AMPLE SUPPLIES ARE NOW AVAILABLE.

All orders executed promptly in full.

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THE KIDNEY TONIC

For KIDNEYS, BACKACHE
RHEUMATISM

Mendaco

for ASTHMA
BRONCHITIS, HAY FEVER

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For immunising newly born lambs

EVANS LAMB DYSENTERY SERUM

The spring lambing season is not far off now, and supplies of Evans Lamb Dysentery Serum will soon be required to give protection to the newly born lambs.

Evans Lamb Dysentery Serum is effective against the disease even on heavily infected farms, but it is essential that inoculation takes place within 12 hours of birth.

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EVANS LAMB DYSENTERY SERUM

for inoculation of lambs as soon as possible after birth

			Retail	Wholesale
Containers of 50 c.c.	-	-	7/9 each	62/- doz.
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Made in England by

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FINE CHEMICALS • BIOLOGICALS • PHARMACEUTICALS



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SILATEX
SANTRON
MENSINOLE**

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There is no shortage of **RENDELLS** or **MENSINOLE** and all Wholesalers now have ample stocks, so continue to display Rendells Products for Feminine Hygiene. It creates new customers and gives confidence to regular users.

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ANTI-COLIC. RECOMMENDED BY HOSPITALS, DOCTORS AND NURSES

Top, one-hole perforation, ensuring constant steady flow.

Wider shoulder protects baby's mouth.

Enables teat to be slipped over bottle in an instant with minimum fiddling.



● General Resiliency MAKES IT NECESSARY FOR BABY TO WORK JAWS THEREBY RESEMBLING THE NATURAL NIPPLE.

● Collar ensures firm grip on bottle which CANNOT BE PULLED OFF BY BABY.

● Will stand Repeated STERILISATION.

MODERN in design and must be TRIED to be appreciated.

NEAREST TO NATURAL FEEDING

"MODERN" Teat has been specifically designed to meet the needs of both MOTHER and BABY, and what is of vital importance in these days—it LASTS LONGER. It is hygienic, odourless and tasteless.

Fixed Retail Selling Price 6d. each. Obtainable of all Wholesalers
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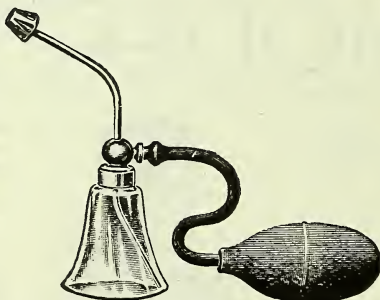
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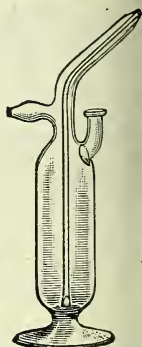
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Send for details and prices of stock lines
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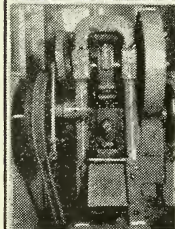
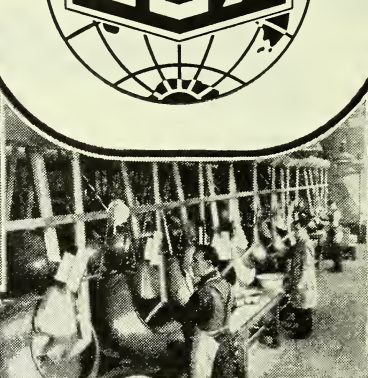
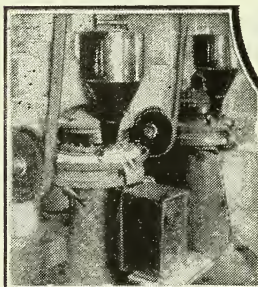
What is your stock position? Is it time you ordered again? Supplies are limited. By ordering well in advance you will lessen the risk of being out of stock through unavoidable delivery delays, and, at the same time, be able to arrange an equitable distribution of available supplies. VENO, THERMOGENE, PHENSIC are firmly established, quick-selling, profitable products. Order well ahead!

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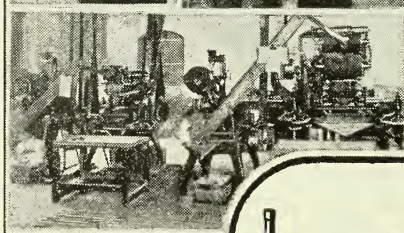
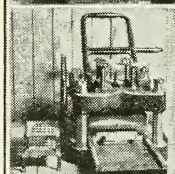
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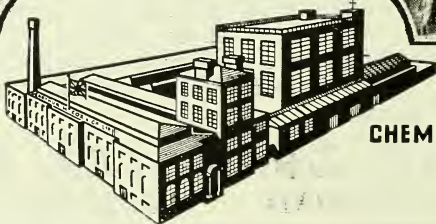
PILLS & TABLETS



Arthur H. COX & Co., Ltd.
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MANUFACTURING



CHEMISTS SING

The complementary treatments for colds



Welcomed by Doctors and Pharmacists as soon as it was introduced, **Argotone** is now appreciated everywhere as a reliable and effective preparation for most naso-laryngeal and certain eye affections.

To relieve additional symptoms of headaches, stiffness and fever in the common cold, the oral administration of **Deltamin** tablets is highly recommended.

Together, **Argotone** and **Deltamin** offer a complementary treatment which can be prescribed with confidence.

ARGOTONE

RETAIL PRICE **3/7** including tax

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ARGOTONE + DELTAMIN
NASAL & EYE DROPS TABLETS

You can PROMISE 3-SECOND RELIEF from NASAL CONGESTION

To the customer in search of a remedy for nasal congestion resulting from head cold or catarrh you can make this promise for Karsodrine — *that within 3 seconds of taking two sniffs up each nostril from the Karsodrine Inhaler the congestion will recede.* Karsodrine will keep your promise because its volatile vapours, including amphetamine, afford an instant and prolonged contraction of congested nasal mucosa. The lower price and the convenient ONE-CAP container are added Karsodrine selling points.

KARSODRINE

FORMULA: Amphetamine 0.330 gm; Cineole 0.093 gm; Ol. Citronell 0.026 gm; Methyl. Salicyl. 0.023 gm; Ol. Cedri 0.005 gm; Menthol 0.049 gm; Ol. Eucalypt. 0.089 gm.

PATA



RETAILS at 1/6 (inc. tax) and show you up to 5/2d. per dozen price even on small quantities will be ordered with other 'Griffiths' lines. Send your order to E. Griffiths Hughes Ltd., Adelphi, Salford 3, Manchester.

BENGUE'S BALSAM

2/3 and 3/9 per tube

UNLIMITED SUPPLIES AVAILABLE

**PULMO-BAILLY
PASSIORINE**

AGOCHOLINE

The delay in executing orders for these two lines which is due to shortage of raw materials and bottles is much regretted. Every endeavour will be made to fill orders for urgent prescriptions.

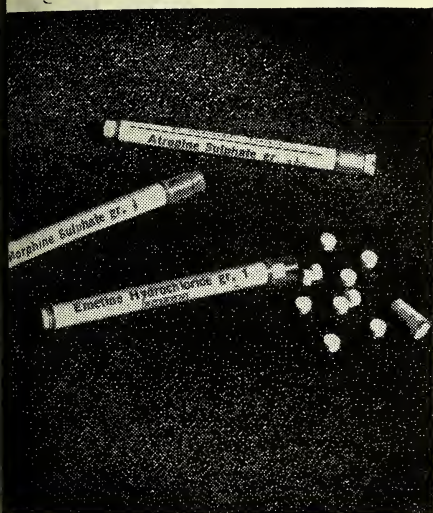
Owing to shortage of sugar, this preparation is now only supplied in TABLET form.

BENGUE & CO., LTD.

Manufacturing Chemists,

MOUNT PLEASANT — ALPERTON — WEMBLEY

Where precision is imperative . . .



In his surgery, hospital ward or in the field, the clinician demands accuracy of dosage and purity of drug. All our hypodermic tablets are manufactured with the utmost precision and complete reliance can be placed on our extensive range.



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FOR OVER SIXTY YEARS

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**A FULL RANGE OF GLANDULAR
PRODUCTS PREPARED FROM FRESH
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AND CAPSULES**

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Also PEPSIN all strengths

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**both Bacteriological
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PANCREATIN U-S-P

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Purified**

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Lifeline

Once again Britain has kept the wolf from the door. The nation's thanks are due to the seamen for bringing in so much food during the war years and to the Ministry of Food for seeing that it went where it was most needed. Undoubtedly the children's excellent state of health owes much to the 'official' issue of cod liver oil — 'under-fives' and expectant mothers — a wise and far-sighted move impossible to execute had our sea-lanes been closed.

Those who were not eligible for the subsidised issue — and many who found it convenient to buy from their chemist — turned to SevenSeaS for health protection and extra nourishment. And because the seamen never failed us, we were able to supply the public with pure cod liver oil. Throughout the difficult years, SevenSeaS never varied from its high 1939 standard, though sometimes there were shortages. To-day the nation's need for it is greater than ever before, and now that our own sailors are back on the job, there is plenty of pure cod liver oil for everyone in every chemist's shop.

STANDARD OIL: Vitamin A 20,000 I.U.; Vitamin D 2,500 I.U. per oz. **CONCENTRATED:** Vitamin A 60,000 I.U.; Vitamin D 6,000 I.U. per oz.

BRITISH COD LIVER OILS (HULL & GRUBBS) LIMITED,
ST. ANDREW'S DOCK, HULL, ENGLAND

Betalax

THE NEW-PROCESS
**CHOCOLATE
LAXATIVE**

RESTRICTED SUPPLIES
are now available

again ... all who purchased previously are automatically granted a quota. Will you please write and take it up?

Certain quantities have been reserved for areas where our representation is not complete. Will wholesalers please write for supplies immediately?

Betalax "sixes," Wholesale 18/- per gross, plus tax. Retail 2½d., inc. tax.

Betalax "fifteens."
Wholesale 45/- per gross, plus tax.
Retail 6d. inc. tax.

THE BETALAX CO.
25 Hanover Square
LONDON, W.1

CHILDREN LOVE THEM
SO WILL YOU



TALKING IT OVER

WHAT DO YOU WANT FROM THE PRODUCTS YOU SELL?



First . . . QUALITY? if you could read my post, you could not fail to be impressed, as I am, by the letters of thanks we receive from the public. We are proud to know that Koray Tablets are accepted as a standard for efficacy and purity. PROFIT? The profit available is standard on such merchandise. On

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PUBLIC DEMAND? Hundreds of thousands of advertisements in the Press, as well as cinema films and posters in busy thoroughfares and public vehicles, are telling the story of Koray everywhere, every day, and Koray is becoming one of the real leaders, if not the leader, of such merchandise in this country. **We of the House of Koray believe that our product offers you the answer to your problems, and we invite you to ensure that your stocks are sufficient to meet the demand, which, already great, is still increasing.**

**J. S. M. A. I. A. M. A.
GENERAL SALES MANAGER
KORAY LIMITED**

P.S.—Although Koray is still in short supply, there are areas where we have vacancies for wholesalers. Retail chemists should write to us if they have any difficulty in obtaining supplies, giving the name and address of their usual wholesalers.

**THE HOUSE OF KORAY
HANOVER SQUARE, LONDON, W.1**



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SAFETY
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The Wafer Razor Co. Ltd.

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50 Years of Service



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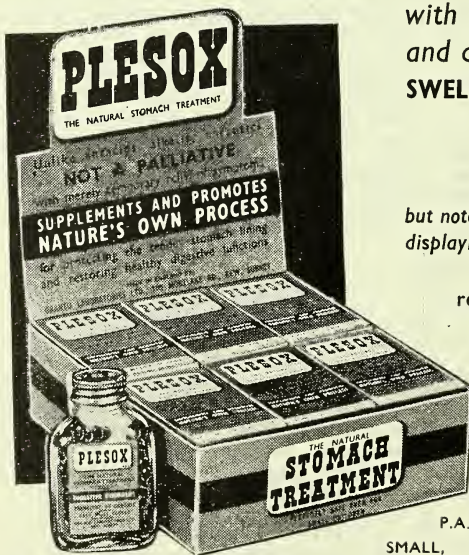
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ESTD. 1894

INCREASED NATION-WIDE ADVERTISING



with very attractive window transfer
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SWELL SALES FROM STRENGTH TO STRENGTH

Order from your wholesaler

on terms: 33 $\frac{1}{3}$ rd, less 2 $\frac{1}{2}$ %

CASH DISCOUNT 30 DAYS,

but note special terms for

displaying both window transfer and display

Additional 7 $\frac{1}{2}$ % on all orders

received during 3 months display period

From Distributors:

MESSRS. SPLENDOR, LTD.

BEASTMARKET HILL, NOTTINGHAM

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GRANTO LABORATORIES

108 Mortlake Road, Kew, Surrey

P.A.T.A. Retail Prices of new Bottle Packing

SMALL, 2/6 Incl. Tax
MEDIUM, 4/7 " "

LARGE—As long as Stock
7/6 Incl. Tax

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ANTIPYRETIC • ANALGESIC

Ac. Acetyl. Salicyl. and Codeine
base provides effective analgesia,
with simple Headache or Neuralgia,
lary reactions after Dental Operations,
period pain including menstruation
ities.

stabilising sedative action of Codeine
Cough Centre is complemented by
Acetyl. Salicyl., Calc. Lactate and
mon additions, giving marked relief
n Cough Irritation, Influenza, and Nervous
Depression.



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FENNEL COUGH SYRUP

A particularly pleasant preparation, suitable for
children and adults. Contains Ipecac., Tolu,
Squills, Syr. Rheados, Glycerine, Syr. Rubr.,
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4-oz. bottles. Retail 2/- incl. Tax

MELOCAMP

A concentrated product (teaspoonful dose),
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Papav., Syr. Aromat (Damancy).

4-oz. bottles. Retail 2/6 incl. Tax

BEECH TAR LINCTUS

A combination of Creosote and Codeine elegantly
presented. Especially suitable in bronchitis, etc.
(teaspoonful dose).

4 oz. bottles. Retail 2/6 incl. Tax

Extra discounts for 3, 6 and 12 dozen
lots of any one product

Grams: Damancy-Harrow. Phone: Byron 1440

DAMANCY & CO., LTD.
HARROW :: **MIDDLESEX**

THERE IS A LIMIT

WHEN you ask and are refused, it is because,
to meet your requirements to the full, other
Pharmacists would go short; and conversely to
fill completely their needs would mean further
deletions or reductions in the commodities you are
justified to receive.

We shall be obliged therefore if, in fairness
to all in the trade, you will confine your orders
to those lines, and in the reasonable quantities, it
has been your practice to obtain from us regularly.

EXSON, GERRARD & CO., LTD. : **OLDBURY** : **BIRMINGHAM**

IN FAIRNESS TO YOU

Our rationing system, instituted under wartime conditions, has enabled each of our customers to receive his fair share of our products during a period of intense shortage.

Though it meant heavy extra work for us, it nevertheless proved the only means of spreading available supplies fairly through the retail and wholesale trade.

That it will not be continued a moment longer than is absolutely necessary, we can assure you.

The time has not yet been reached however when we can effect any sensible increase in the present quotas, nor are we in a position yet to open new accounts.

THE CHAS. H. PHILLIPS CHEMICAL CO. LTD.
179 ACTON VALE, LONDON, W.3

'MILK OF MAGNESIA' · PHILLIPS' DENTAL MAGNESIA PHILLIPS'
BEAUTY CREAMS · 'DANDERINE' · 'CALIFORNIA SYRUP OF FIGS'



ANTI-COLD COURSE

AN ANTI-CORYZA VACCINE FOR ORAL ADMINISTRATION

prepared from

SYMBIOTIC BROTH CULTURES

Bacillus Influenzae (Pfeiffer).	Anaeromyces bronchitica.
Influenza Streptococcus (Thomson).	Pneumococci (several types).
Haemolytic Streptococci.	Micrococcus catarrhalis.
Staphylococcus aureus.	

Antiseptic Content 0.25% + Aq. Chlorof.

On P. A. T. A. terms

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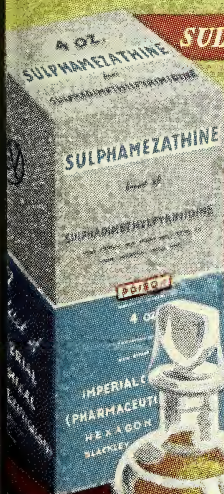


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CETAVLON

ANTRYPOL

LORICIDE



C.N.P.



Retailers entitled to a quota will already have been advised. Retailers not entitled to a quota are invited to send their orders in for a delivery when quota restrictions are removed.

English Rose

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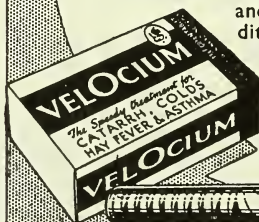
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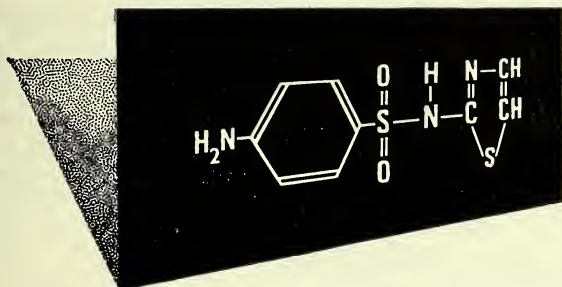


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NEWS OF THE WEEK

Feeding-bottle Surplus.—Over 1,588 infant feeding bottles are included in the surplus rest centre equipment which Leicestershire Public Assistance Committee is to dispose of.

Withdrawal of Authorities.—In consequence of the conviction of Alex Forbath, M.P., 47 Broad Lane, Dalton, Huddersfield, of offences against the Dangerous Drugs Act, the Secretary of State has withdrawn from him his authorities to be in possession of and to supply Dangerous Drugs.

Paper Aids Progress Exhibitions.—Two new identical exhibitions under the above title have been prepared by the Waste Paper Recovery Association to emphasise the need for the continuance of waste paper salvage on its war-time scale. One will shortly be shown in Slough and the other commences a tour of London boroughs at the beginning of February.

Industrial Research in Scotland.—Urging the need for increased research in industry, Professor William M. Cumming, O.B.E., at the Publicity Club of Glasgow that

Britain had led in pure research, but had lagged behind other countries in applied research. In Manchester they had formed a Joint Research Council, composed partly of technologists from the colleges and universities and partly of Chamber of Commerce and business representatives. He urged the establishment of a similar organisation in Glasgow. He believed that Scotland was behind England in industrial research and would like to see the leeway made good.

Neuritis from Crude Oil.—Crude oil taken from Merseyside Docks and given to people in Bebington for cooking has been the cause of cases of peripheral neuritis reported locally. The hands and feet of victims have been temporarily paralysed. The cause was traced to Bebington by Food Ministry and police officers. The medical officer for the borough gave a warning that cottonseed, sunflower-seed and other oils of a similar nature, while suitable for cooking when refined, are definitely unfit for such use in their crude state. The oil which has been causing the

outbreak was apparently put into containers previously used for paint; if the unrefined oil comes into contact with enamel or lacquer it extracts dangerous poisons from them, he said.

Fire.—Severe damage was done by fire to the premises of Mr. E. Long, M.P.S., 87 Mount Street, Bolton, recently.

Mass Radiography in Dublin.—The Dublin Corporation is expected to have a mass radiography unit at work before the summer. A similar unit in Belfast is dealing with between 500 and 600 people daily.

Hints to Business Men.—An additional pamphlet has been issued by the Department of Overseas Trade in the series "Hints to Business Men." It relates to Southern Africa. Copies may be obtained on application to the Department at Hawkins House, Dolphin Square, London, S.W.1.

Yorkshire Public Pharmacists.—Before the Yorkshire Branch of the Guild of Public Pharmacists, on January 19, Mr. Kaye (lecturer at the Bradford Technical College) gave an address on "Penicillin," dealing with its preparation, biological testing and general use.

Road Transport Protest Against Nationalisation.—The Road Haulage Association is organising a petition of protest against the Government's proposal to nationalise long-distance road transport. Trade organisations, manufacturers and traders who use road transport are invited to communicate with the secretary of Association, 146 New Bond Street, London, W.1.

Victory Social.—At the invitation of the directors, the staff of Evans, Gadd & Co., Ltd., manufacturing chemists, Exeter, and their guests, attended a Victory social on January 24. Messrs. W. T. Symes, W. N. Boorne and A. S. Tucker (directors) were present, but Mr. H. Wippell Gadd (chairman) was unfortunately unable to attend. Mrs. Symes presented the prizes for whist, competitions, and spot dances. The programme was arranged by the company's staff social committee.

Chemists' Displays Worth Imitating.—"If you see a chemist's shop stop and look just for one minute at the display," said a speaker at a recent meeting of the Liverpool Branch, Incorporated Guild of Hairdressers, Wigmakers and Perfumers, "there is no mistaking that it is a chemist's shop. We complain of lack of sales . . . These displays have diverted trade from the hairdressers. I never advocate copying anyone in busi-

ness, but if you wish to build up your business consider whether you should copy their methods."

Penicillin Lecture at Nottingham.—H. E. Dales (medical information department, Boots, Ltd.) gave an address "Penicillin" to the Nottingham Business Club on February 1. The lecture was illustrated by lantern slides. Nursing staffs and representatives of all the hospitals in Nottingham attended. Mr. Dales described the penicillin factory in Nottingham covering an area of 100,000 sq. ft. and was begun in May 1944. About 250 people were employed and the factory handled 700 quart bottles daily. All the penicillin produced was at present requisitioned by the Ministry of Supply, but supplies could be obtained by doctors and hospitals in emergency cases.

Romford Branch Dinner.—The Romford Branch of the Pharmaceutical Society, formed in 1942, held its first annual dinner at the White Hart Hotel, Brentwood, on January 30, when eighty members and friends were present, among them the president of the Society (Mr. J. C. Young), the deputy secretary (Mr. F. W. Adams), the chairman, local division, British Medical Association (Dr. D. MacIntyre), the chairman, West Ham Branch of the Pharmaceutical Society (Mr. Gordon Harris), and the chairman of the Southend Branch (Mr. J. R. Heywood).

Anglo-Belgian Industrial Conversations.—Conversations between delegations representing the Central Industrial Committee of Belgium, under their president, M. Van der Rest, and the Federation of British Industries, under the leadership of their president, Sir Clive Baillieu, and Lord Dudley Gordon, took place in London recently. The meeting established contacts between the Belgian and British representatives. The opportunity was taken to deal with a number of specific questions. It was agreed that a useful purpose had been served by the meetings and that they should be followed at an early date by a further meeting in Brussels.

Coventry Questions on Allergy.—Charles Beaven recently addressed the Coventry Branch of the National Pharmaceutical Union on the "Riddle of Allergy," outlining the trend of research work from 1902 onwards. He described many cases that had come under notice and referred to research into the subject being one of the most fascinating in medicine.

Diagnosis and treatment were also asked upon, and at the close a number of questions were replied to. The chairman, Mr. W. A. Bales. Mr. H. Carswell (vice-chairman) proposed a vote of thanks, which was seconded by the Mayor of the City (Councillor J. C. Lee Gordon).

Manchester Masonic Pharmacists.—The Manchester Pharmaceutical Masonic Association met on January 25 to hold its first annual meeting for six years, the interruption being caused by war-time conditions. J. E. Edwards was in the chair. After the balance sheet had been adopted, the following officers were appointed: *Chairman*, Bro. S. Bostock; *Vice-chairman*, Bro. S. S. Renton; *D.C.*, Bro. S. H. Hamel; *Treasurer*, Bro. A. Wild; *Secretary*, Bro. G. V. Tyler. Bro. G. L. Balf was appointed steward. The chairman announced with deep regret the names of the brethren who had died during the war years. Several new members were elected, and the remainder of the evening was devoted to musical items.

Optical Glass Lecture.—A paper, illustrated by lantern slides, on "Glass and Photography," was delivered by Mr. A. J. Hand (department of glass technology, University of Sheffield) to the Association of Scientific Photography in London in January. The lecturer explained the differences between ordinary glasses, as used for bottles, and optical glass, as used in photographic lenses. The different refractive indices and dispersion constants of optical glass were demonstrated by diagrams, ranging from the old crown and flint, through the more modern glasses containing metallic oxides, and giving the refractive index with low dispersion, and *vice versa*, to the latest glasses which contain no silica. A vigorous discussion followed, opened by Dr. H. H. Hopkins and contributed to by Mr. Wynne, Mr. Seddon and the chairman (Mr. F. J. Denton).

Export Display.—An export display and beauty-queen contest arranged by Lennard & Narvill & Co., Ltd., Hull, took place recently, when the "Lee-Narvill beauty queen" for the year, and a lady-in-waiting were introduced to the 300 guests present. On the stage were forty young ladies, each holding a shield inscribed with the flag of a country in which the trade mark Narvill is either registered or awaiting registration. By special arrangement, the directors of the company sent out a message to overseas

depots by Cable and Wireless, pointing out that exports from the company's depot at Hull were increasing daily, and that further increases in production were due to take place. Winners in the beauty contest were (1) Miss J. Woodcock ("Miss Lebanon"); (2) Miss B. Grindley ("Miss Spain"); and (3) Miss E. Smith ("Miss Sweden"). The proceeds of the ball (£94 10s.) were distributed equally among six charities.

Birmingham Analyst's Report.—The report of the city analyst for Birmingham on analyses of Food and Drugs made during the third quarter of 1945 reveals that changes in composition effected by the Seventh Addendum to the British Pharmacopoeia have caused a little trouble. A sample of boric ointment contained 10.2 per cent. of boric acid. The B.P. seventh Addendum reduced the amount from 10 to 1 per cent. A sample of salicylic acid ointment was made with paraffin base of the 1932 B.P. instead of with ointment of wool alcohols of the Seventh Addendum. A sample of aspirin tablets did not comply with the new requirement which specifies that, out of twenty tablets, not more than two shall deviate from the average weight by more than 5 per cent. In the sample seven out of twenty deviated by amounts varying from 6 to 10 per cent. Two samples of tincture of iodine were in excess of the B.P. formula, possibly due to evaporation. A sample of Parrish's chemical food contained only 62 per cent. sugar instead of the official 70 per cent. Two samples of seidlitz powders were deficient in the contents of the blue papers. No prosecutions were initiated.

Health Services Week.—A lecture on "The Pharmacist" formed part of a Health Services Week organised in London jointly by the Socialist Medical Association and "Reynolds News," February 4-9. The concluding meeting of the week was addressed by the Minister of Health (Mr. Aneurin Bevan, M.P.). The address on "The Pharmacist" was given by Mr. F. W. Adams (deputy secretary of the Pharmaceutical Society). Dr. H. Davis was chairman. Mr. Adams said that in most countries there was some control over pharmacy, but there was less in Britain than elsewhere. There was little control over dispensing done in retail shops, and the position in hospitals was even worse. The provision of a free medical service would not necessarily decrease self-medication, and there was no likelihood of control over the buying of medicines. The public must be assured of

protection by the pharmacist, the present position in hospitals must be improved, in Health Centres the pharmacist must do the work. Replying to discussion, he said that no country had found it possible to dispense with chemists' shops. They had a definite role in supplying pharmaceuticals and allied products, not supplied through a health service, and also in health education.

Plastic Surgeon on Burns.—A joint meeting of the National Association of Women Pharmacists and South-west London Chemists' Association was held in London on January 30, Miss C. Mozley-Stark (president, N.A.W.P.) in the chair. The lecturer (Mr. A. H. McIndoe, C.B.E., F.R.C.S.), who has achieved important results from the treatment of burns by plastic surgery, defined and classified burns, and said that after a severe burn, the patient usually passed through four stages: shock, toxæmia, sepsis, and scarring or deformity. He stressed the danger of incorrect treatment. "While you may accept what the burn does you must not

accept what treatment does." In severe burns it was essential to treat for shock first. In third-degree burns the application of new skin under strict conditions was required. Cetyltrimethylammonium bromide had proved to be a suitable detergent for preparation of the skin. The next stage was to apply splints where necessary while patients had made rapid progress with the use of sterile saline baths. Control of sepsis by drugs was of great importance. The sulphonamides helped but did not control sepsis, and their use had given rise to cases of serious sulphanilamide dermatitis and some kidney disorders. There had also been an undesirable depressing effect on the patient's mental outlook. Electrolytic hypochlorite baths had been tried in place of the sterile saline baths, but they were found to possess no advantage while the saline baths were more comfortable. Penicillin locally was ineffective. Mr. W. ATKINSON (president, South-west London Association) proposed a vote of thanks; Mrs. RIVLIN (N.A.W.P.) seconded.

OFFICIAL ANNOUNCEMENTS

Trade with Malaya.—Private trade between the United Kingdom and Malaya is now permissible in goods for which the Malayan authorities have granted import licences, subject to compliance with any U.K. export licensing or other requirements.

Citrus Fruit Order.—An Order issued by the Ministry of Food and dated January 25, makes a number of adjustments in the maximum prices on a first-hand sale or a sale by wholesale of citrus fruit. Retail prices are not affected.

Telephone to Sweden.—The telephone service to Sweden has been reopened and is available for commercial calls. The minimum charge for three-minute calls (day or night) is, for all territory south of latitude 56° 30' North (except for the island of Gotland), 14s.; for the remainder of Sweden, including Stockholm, 16s. For calls from Scotland, Northern Ireland and Isle of Man an additional charge of 2s. 6d. per three minutes is made.

Therapeutic Substances Regulations.—Draft Rules and Orders, 1946, relating to therapeutic substances, have been issued by a joint committee constituted under the Therapeutic Substances Act. They have the effect of adding to the list of substances controlled under the Act penicillin and "any anti-infective acid produced by *Penicillium notatum*, whether obtained

from *Penicillium notatum* or not, any salt or derivative of any such acid and a solution containing any such acid, salt or derivative being an acid, salt or derivative or a solution thereof, prepared for parenteral injection." Details of a new Seventh Schedule which is to be substituted for the Seventh Schedule in the principal regulations are given in the Order, copies of which may be obtained from H. M. Stationery Office, price one penny.

Issue of Rubber Gloves in 1946.—The Minister of Health has agreed with the President of the Board of Trade on the basis of control during 1946 of the supply of rubber gloves required by hospitals, institutions, doctors, nurses and midwives. Supply will continue to be controlled centrally by the priority officer of the Ministry of Health. The number of certificates to be issued will provide for maximum purchases of rubber gloves as follows: Medical practitioners, six pairs; midwives, six pairs; district nurses not practising, four pairs; midwives, four pairs; nurses in private practice, two pairs. The issue of booklets of six certificates to medical practitioners will again be undertaken by the Central Medical War Committee, and applications for "supplementary rations" require to be sent to the headquarters office of the Ministry of Health.

TOPICAL REFLECTIONS

The Cosmetic Trade

Your report of, and comment on, a recent meeting of the Toilet Preparations and Perfumery Manufacturers' Federation (p. 167, 181) give prominence to a matter of great importance. If it can readily obtain the necessary raw materials and containers, the manufacturing perfumery trade will be in a strong position. A little goes a long way in putting up ordinary types of toilet preparations; and the demand for them, held in check during the war years, is virtually certain to increase enormously in the near future. (Corroborative evidence of this statement is to hand in a recent broadcast by Dame Laura Knight.) I may add that "one of our youngest and most efficient industries" needs no inducement to put forth its utmost effort for the expansion of its trade. One can understand that the Board of Trade, looking about for methods of increasing British exports, has decided to fix a ratio of export trade in relation to home trade in cosmetics; in present circumstances the decision does, in the words of the Federation's chairman, give manufacturers "confidence of a reasonable foundation on which to build up a steadily increasing export trade." With so large a measure of agreement between the requirements of the Board and those of the manufacturers, the prospects of the industry are favourable, and only remains to clear away any bottle-necks that may be found.

Requirements

The tenth annual meeting of C.F. manufacturers (p. 174) was an occasion of more than ordinary interest because of the interpretation given of the rules of the Standards Committee of the organisation regarding "A and B products." The Chemists' Friends Association has, from its inception, received support in "Topical Reflections," and my appreciation of its work remains constant. That being so, I may perhaps offer a friendly caution against the danger of over-elaboration. It is probable that legal advice has been taken in formulating the rules mentioned; and legal experts, in providing for contingencies, are sometimes given to otiose statement. There are traces of this propensity in the A and B requirements printed in your report. It seems to me that "(b) The preparation must be pharmaceutically standard" and "(c) The formula must be

suitable and satisfactory for the purpose for which it is intended" are inseparable, and should have been combined as one clause. Again, is it necessary to use a phrase like "suitable and satisfactory"? The dictionaries that I have consulted give, indeed, different meanings for these two words, as one would expect from their respective derivations; but is it possible for a formula to be suitable without being satisfactory, or satisfactory without being suitable? One more query. What is meant by the package and presentation of a Class B product being attractive? Attraction, "drawing to," may be effected in various ways. We have only to glance through the advertisements in any issue of any daily newspaper to realise that what repels us may, and probably does, attract other readers of the same paper. This consideration applies, I suggest, to the package and presentation of a proprietary article with sufficient latitude. Unless, therefore, this requirement is exercised, cases of dissatisfaction are likely to occur.

Unusual Poisonings

The fatal poisoning that forms the subject of editorial comment on p. 182 is not to be lightly dismissed as a "freak" case. Though fool's parsley is not ordinarily regarded as toxic, we may believe that in some circumstances a strain of plants may develop a higher proportion than usual of the conine or the mixture of alkaloids contained in it. On looking through records of deaths by poisoning in England, Wales and Scotland I find that an appreciable number of substances with relatively large doses have been named as fatal. We have to bear in mind that in these rare cases the age of the deceased person is not given: it follows that some of these deaths were in all probability those of young children. Allowing for this age-variation, many of the entries are unexpected. Examples are: Anise oil, Blaud's pills, borax, clove oil, colza oil, eucalyptus oil, glycerin, hydrogen peroxide, iron sulphate, juniper oil, lime water, saffron, soap liniment, spirit of nitrous ether, tannic acid, tartaric acid. A few of these entries are so remarkable that we may well suspect a slip on the part of a coroner. Aperients, another occasional cause of fatal poisoning, are in a class by themselves; many pharmacists of experience can remember serious results following overdoses of these remedies.

THE WEEK IN PARLIAMENT

by a Member of the Press Gallery, House of Commons

ON January 30, MR. KEELING asked the President of the Board of Trade whether he proposed to control the price of sponges. MR. BELCHER (Parliamentary Secretary): Sponges, being toilet requisites, fall within the ambit of the Prices of Goods Act, 1939, under which traders may not increase their prices for comparable articles above the level ruling at August 21, 1939, except to the extent of any reasonable increase in costs. I have been advised by the Central Price Regulation Committee that a closer control by means of a maximum prices order would not be practicable.

Sanitary Towel Shortage

Future supplies of sanitary towels in the London area should quickly be sufficient, said SIR STAFFORD CRIPPS on February 4. He was replying to MR. BOWER, who asked if he was aware of the difficulty being experienced in obtaining sanitary towels in North Harrow, and if he would take steps to make them more readily available in that area. Sir Stafford replied that he regretted that the shortage of sanitary towels had continued in a few districts. Difficulties had continued in London, partly owing to delays in transport, despite the diversion by manufacturers to this area of an abnormal proportion of their supplies. Steps were being taken to increase production still further and to obtain further imports if they were available, while special efforts were being made to facilitate distribution in the London area.

Hot Water Bottles

On February 4 MR. D. J. WILLIAMS asked the President of the Board of Trade if he was aware that the Swansea branch of Marks & Spencer recently offered for sale without any conditions a quantity of rubber hot water bottles, while chemists and other retailers were unable to obtain supplies except on production of a medical certificate in each case; and whether he would take steps to increase supplies and arrange for a fairer allocation to retailers. SIR STAFFORD CRIPPS: Since last September it has not been necessary for a medical certificate to be surrendered in order to obtain a rubber hot water bottle. There are, however, large arrears of demand to be met. The rate of production is increasing steadily.

Coconut Oil from Ceylon

On February 6 DR. JEGER asked the Minister of Food whether the contract with the Government of Ceylon for the purchase in bulk of copra and coconut oil which expired on December 16, 1945, had been renewed and if so, on what terms, and what was the present position. SIR BEN SMITH: The contract has not yet been renewed. It has been extended to February 28, 1946, and negotiations for its renewal beyond that date are still proceeding.

Spectacle Lenses

Spectacle lenses were the subject of question by MR. G. WILLIAMS to the Minister of Supply and Aircraft Production on February 6. Mr. Williams asked in view of the delay in obtaining spectacle lenses, he would consider stopping the export of lenses. MR. LEONARD: No. The very small proportion of our production of spectacle lenses which is exported goes almost entirely to Empire countries and to the Colonies, who are dependent on us for their supplies.

Future of Factory Inspectorate

On February 7 MR. McLEAVY asked the Minister of Labour whether the Government proposed that the administration of the Factory Acts should remain with his department on a permanent basis. MR. ISAACS: Yes. It is contemplated that the legal transfers of Ministerial functions for that purpose will be made by Order in Council under the Ministers of the Crown (Transfer of Functions) Bill when that Bill becomes law, and the Factory Inspectorate will continue to be a separate department attached to the Ministry under the title "Factory Department," just as it was when attached to the Home Office.

Debate on Trade Policy

Exports of chemicals and drugs in 1945 totalled £37,400,000, as against a 1939 export figure of £22,100,000, stated SIR STAFFORD CRIPPS on February 7, replying to an adjournment debate in which the Government's trade policy had been criticised. The debate was raised by MR. MARTIN LINDSAY, who said the export position to-day was very disquieting. Instead of sprinting ahead we were lagging

behind in the international race to secure the post-war export world market. Today the world was faced with such a shortage of consumer goods that never before had British trade had such an opportunity. Our exporters were being implored to ship anything at almost any price, but such were their difficulties that they were in some cases three and four years behind with the orders on their books. This delay in executing orders was causing resentment overseas and prejudicing our goodwill for the future. Every sensible person agreed that certain controls were necessary, but they should be as few as possible. They should be administered with far greater discrimination and speed. The tempo of the Civil Service, designed for the more leisured days of the past, was quite unsuitable for competitive business. At the present moment it took two or three weeks to get a reply from any Government department. Business men had to obtain permits and licences for almost every activity. They spent most of their time clambering over obstacles towards a promised land which never quite appeared. The Prime Minister, he thought, would have to give some kind of a lead like that given by Mr. Churchill in his "blood, toil, tears and sweat" speech in another crisis in the nation's history.

SIR STAFFORD CRIPPS, in his reply, admitted that the administration was badly overworked. They had done their utmost to try to free licences and permits for the export trade. They had removed in a very large range of materials all export licences and had done so at some risk in the sense that people at home might have to go short of those commodities. But there were certain commodities in regard to which they must still retain licences, where the shortage was such that they would run the risk of people here being even more seriously inconvenienced than they were today by a shortage of consumer goods. They were acutely short of labour. If they could manufacture all the goods that had been ordered from abroad their results this year could be something like 1,000 per cent. above pre-war. But he thought it creditable that when they were only six months from the end of the war, they had during the period increased their labour force and exports from 400,000 to 900,000. They had more than doubled the drive on exports between the end of the war and December. They were at that moment reaching the stage when all their preparatory work was starting to show itself.

C. & D. DISPENSING PRICE LIST

THE following changes took place in January 1946:—

Cost	<i>Due allowance has been made for purchase tax in both cost and dispensing prices</i>	Dispensing price		
		4 oz.	1 oz.	1 dr.
d.	per	s. d.	s. d.	s. d.
18 lb.				
	Acid. aceticum glaciale ..	0 9	0 3	0 1
27 lb.				
	Acid. hydrobrom. dilutum. ..	1 1	0 4	0 1
12 oz.				
	Acid. hydrocyan. dil. S.I (5)	—	1 9	0 3
76 oz.				
	Barbitonum solubile R only	—	11 0	1 9
14 lb.				
	Calcii chlorid. hydrat. ..	0 7	0 2	—
14 gr.				
	Emetin. et bis-muthi iod. S.I (4)	per grain	2 3	
35 lb.				
	Ether. (tech.) ..	1 4	0 5	0 1
84 lb.				
	Inf. buchu. conc. ..	3 0	0 10	0 2
238 lb.				
	Inf. rhei conc. ..	9 0	2 8	0 5
63 lb.				
	Lin. aconiti meth. S.I (5)	2 1	0 7	0 1
7 oz.				
	Lin. opii meth. S.I (5)	—	1 3	0 2
54 lb.				
	Lin. potass. iodid. c. sapone ..	2 0	0 7	0 1
36 lb.				
	Liq. antim. chlor. S.I (5)	2 0	0 7	0 1
46 lb.				
	Liq. bismuthi conc. S.I (5)	1 11	0 7	0 1
7 oz.				
	Myristica pulv. ..	—	1 1	0 2
144 lb.				
	Ol. amygdalæ dulc. ..	5 0	1 5	0 2½
162 lb.				
	Ol. eucalypti ..	5 9	1 8	0 3
47 lb.				
	Ol. olivæ (Pool) [corrected]	1 7	0 5½	—
45 lb.				
	Potassii acetat. ..	1 8	0 6	0 1
19 lb.				
	Potassii bicarb. pulv. ..	0 9	0 2½	—
6 lb.				
	Sodii carbonas cryst. 9d. lb.	0 3	0 1	—
60 oz.				
	Sodii taurocholas. —	—	1 5	—
94 lb.				
	Spt. ætheris nitrosi	3 5	1 0	0 2
66 lb.				
	Spt. ammoniæ aromaticus ..	2 6	0 9	0 2
93 lb.				
	Spt. chloroformi ..	3 4	1 0	0 2
48 oz.				
	Spt. menthæ pip. exot. ..	—	7 0	1 0
60 gal.				
	Spt. vini meth. (indust.) ..	pint	1 2	—
31 lb.				
	Spt. saponis kalini meth. ..	1 2	0 4	—
69 lb.				
	Syr. aurantii ..	3 8	1 1	0 2
48 lb.				
	Syr. limonis ..	2 3	0 8	0 2
94 lb.				
	Tr. colchici P.I (9)	3 4	1 0	0 2
70 lb.				
	Tr. ipecacuanhæ ..	2 6	0 9	0 2
112 lb.				
	Tr. rhei co. ..	4 0	1 1	0 2
84 lb.				
	Ung. zinci mor-rhuatis ..	3 0	0 10	0 2
16 oz.				
	Zinci chloridum (sticks) ..	—	2 4	0 4

COMPANY NEWS

C. M. KEYWORTH & CO., LTD. (P.C.).—Capital £7,000. Chemists, druggists, etc. Charles M. Keyworth and Ethel M. Keyworth, directors. R.O.: Central Bank Chambers, Infirmary Street, Leeds.

JONES THE CHEMISTS (RUISLIP), LTD. (P.C.).—Capital £100. Wholesale and retail chemists, opticians, etc. Louis A. Newton and Leslie J. Plumb, M.P.S., directors. R.O.: 64 High Street, Ruislip.

P. H. MILLS, LTD. (P.C.).—Capital £1,000. To acquire the business of a chemist carried on by Jane C. Mills at 134 Seabank Road, Wallasey. Arthur L. and Margaret S. A. Evans, directors. R.O.: As above.

PEST PROTECTION PRODUCTS, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in insecticides, agricultural and other chemicals, etc. Charles F. R. English and Charles J. Becker, directors. R.O.: 3 Mandeville Place, London, W.1.

SALVO HYGIENE PRODUCTS, LTD. (P.C.).—Capital £500. Manufacturers of and dealers in medical, hygienic and surgical articles, toilet preparations, etc. Directors to be appointed. R.O.: Friars House, 39-41 New Broad Street, London, E.C.2.

NAXAN LABORATORIES, LTD. (P.C.).—Capital £5,000. Manufacturers, exporters and importers, wholesale and retail dealers in drugs and proprietary articles, etc. Geoffrey W. Stead, M.P.S., and Mrs. Edrei Stead, directors. R.O.: 142 St. Vincent Street, Glasgow.

F. J. HODGES, LTD. (P.C.).—Capital £1,000. Chemists and dealers in scientific, photographic and optical goods, etc. Alexander N. MacIntyre, M.P.S., and Barbara L. P. Wotherspoon, directors. R.O.: 131 Rushey Green, London, S.E.6.

BASSHAM & THORP, LTD. (P.C.).—Capital £2,000. Manufacturers of and dealers in surgical instruments and appliances, surgical belts, medical and hospital equipment, etc. Eustace P. B. Bassham and Leonard R. Thorp, directors. R.O.: 29 Upper Street, London, N.1.

J. A. R. BURBANK, LTD. (P.C.).—Capital £5,000. To acquire the business of a chemist and druggist carried on by the trustees of J. A. R. Burbank, as "J. A. R. Burbank," at 116 Walton Street and 36 South Parade, Oxford, and at High Street, Eynsham. Directors to be appointed. R.O.: 116 Walton Street, Oxford.

W. B. STATHER, LTD. (P.C.).—Capital £3,000. To acquire the business of chemist carried on by William B. Stath at 34 Infirmary Road, Sheffield at 100 Halifax Road, Wadsley Bridge, Sheffield. William B. Stather, M.P.S., William E. Stather, M.P.S., and David B. Stath M.P.S., directors. R.O.: 34 Infirmary Road, Sheffield.

THOMAS DAVIES (CHEMISTS), LTD (P.C.).—Capital £1,000. To acquire the business of a wholesale and retail chemist and photographic dealer now carried on by Sarah Davies at Medical Hall, Llandyssul, Cardigan, as "Thomas Davies." Sarah Davies, Thomas E. Davies and John Hughes, directors. R.O.: Medical Hall, Llandyssul, Cardiganshire.

DOUGLAS WALKER PRODUCTS, LTD. Mr. H. Beck, M.P.S., has joined the board. The company states that three new products will be introduced shortly.

THE HYGIENIC CHEMICAL CO., LTD. Dr. T. F. West is joining the board as director in charge of scientific research and development. George Cohen, Sons & Co. Ltd., have acquired a major holding in The Hygienic Chemical Co., Ltd., and its subsidiary, Pesticide (D.D.T.), Ltd. Measures already in hand include the equipment of works at Neath and the planning of a research and production programme.

ASCOTTS PHARMACIES (1933), LTD. Directors' report for the year ended September 30, 1945, shows a net profit, after providing for depreciation, amortisation of leases and debenture interest, of £20,511 from which £10,076 has been provided for income tax. The deficiency to be carried forward has therefore been reduced from £11,571 to £1,135. The sale of twenty shops mentioned in the last report resulted in a capital profit of £22,069, which has been applied in writing off the debit balance of capital losses suspense account, the underwriting commission, and the commission on issue of debentures, and in writing down the preliminary expenses by £1,403. No further sales of branches are in contemplation. The number of branches now owned and operated by the company and its subsidiary is eighteen. The directors record their high appreciation of the work of Mr. A. J. Deitsch, M.P.S., during the year. Messrs C. Gilbert, M. K. Foster and H. W. Sydenham retire and offer themselves for re-election.

LEGAL REPORTS

False Statement.—At Portlengone, co. Limerick, Northern Ireland, Thomas Morgan, 35, was fined £3 for having made a false statement to obtain methylated spirits. It was stated that Morgan gave a bottle of spirits to another man who died after drinking the contents.

Fine for Window Lighting.—At Colne, on January 28, Colne Co-operative Society, Ltd., were fined 10s. for allowing shop window lights at their pharmacy in the Colne. The manager (Mr. Allen Boyd, P.S.) was fined 10s. for aiding and abetting, with combined costs of 14s. 6d. The proceedings were taken under the Control of Fuel Order. Mr. Boyd said the window lights were used in the interests of safety, the doorway to the shop being otherwise dark.

Perfumes With Forged Labels.—Stated to have peddled perfume, costing 1s. per bottle to make, in bottles bearing forged labels of famous French makers and which reached the public at £3 and £5 a bottle, Percy Henry Jay Toms, engineer, Norfolk Square, Paddington, was at West London recently sentenced to twelve months' imprisonment, together with a fine of £10 or six months' imprisonment to run consecutively. Pleading guilty to summonses taken out by the Board of Trade, Toms was stated to be liable to penalties totalling £16,000. Questioned about his financial status, Toms replied that he had about £100 and a motor car worth £450. Mr. J. C. Marshall, prosecuting, said that no perfume had been imported since 1940, but during the past two or three years the Board of Trade had noticed with concern the quantities of French perfume on sale, not only in the large stores but also in small shops. When interviewed, Toms said that he had bought the labels, which bore the names of famous Paris perfumers, and false-headed invoices from a man who died about a month previously. His turnover was something like £3,000 in the last year and a half years. Mr. Marshall said that authorities would very much like to know where the perfume was manufactured. Toms invoiced it at 12s. 6d. a bottle, plus 10s. 6d. purchase tax. An official of Customs and Excise alleged that Toms had failed to register for purchase tax purposes, and was liable to penalties of £10 daily for 70 days. For knowingly being concerned in the fraudulent evasion of tax he was liable to fines totalling £4,600 and two

years' imprisonment, and to fines of £500 on each of four summonses for making use of false invoices.

Disputed Payment.—In the Northern Ireland High Court on January 17, judgment was given in an action first heard in Belfast recorder's court on December 6, 1945. Robert Agnew (Northern Ireland agent for Lysol, Ltd.) sued Harold Mitchell, wholesale chemist, 11a Linenhall Street, Belfast, for £31 2s. 11d. for goods sold and delivered, £2 16s. of which was disputed, Agnew stating that the amount was for cartons in which he supplied Lysol and Osoyl to the defendant. It was stated that defendant offered payment of £27 12s. 2d. by cheque. This was refused. Later he offered to pay by cash, which was also refused. Defendant stated that plaintiff did not quote for the cartons at time of sale, and that the plaintiff's representative had accepted a previous payment for the goods minus the cartons. The recorder, in dismissing the case with costs against the plaintiff, had said that Agnew had failed to convince him that the cartons were quoted for at the time of the sale; the defendant was therefore right in refusing to pay the amount. Plaintiff then appealed to the High Court. Lord Justice Babington dismissed the appeal with costs; in his judgment Agnew had also failed to convince him that the cartons were actually quoted for at the time of sale, and they were not shown as chargeable in the issued price list. Agnew, by accepting settlement of two accounts and permitting the cartons to be deducted, had ratified the contract, and he held that all subsequent sales were bound by the contract.

INQUESTS

Aspirin Suicide.—At Shrewsbury, recently, a verdict of suicide whilst of unsound mind was recorded at an inquest on Mrs. E. L. Hobday, who died following an overdose of aspirin tablets.

Suicide at Sixteen.—A verdict that he killed himself by taking phenobarbitone tablets while the balance of his mind was disturbed was returned by the North Devon coroner at an inquest on Lawrence Lavers, Westward Ho!, recently. Medical evidence was to the effect that the boy suffered from a type of fit which was partly epileptic and partly hysterical. He was being treated with phenobarbitone tablets, gr. 1½, night and morning.

TRADE NOTES

New Export List.—Biddle, Sawyer & Co., Ltd., Empire House, St. Martin's-le-Grand, London, E.C.1, have just issued a new export price list of chemicals, drugs and essential oils.

Prices Reduced.—By arrangement with the Board of Trade, Jeyes' Sanitary Compounds Co., Ltd., London, E.13, are reducing on March 1 the retail price of Jeyes' hygienic toilet-paper. Details are given on another page of this issue.

Capsules for Export.—Export inquiries for capsules, lozenges, pastilles, tablets, suppositories and pessaries are invited by Robert Ferber, Ltd., Carlton Works, Asylum Road, London, S.E.15, who make a speciality of preparing these items to customers' formulas.

Perfume Essences.—For lotions, shampoos, bath salts and similar preparations, a range of Preemo liquid colours and perfume essences are available from Preemo & Silks Toilet Co., 330 Kilburn High Road, London, N.W.6. A price list will be sent to any pharmacist on request.

Retail Price of Anacardone.—The attention of subscribers is drawn by the makers, The British Drug Houses, Ltd., London, N.1, to the fact that incorrect prices were given for Anacardone brand nikethamide, B.P., ampoules, in a recent announcement. The correct prices may be had on application to the manufacturers.

Again Available.—Parke, Davis & Co., 50 Beak Street, London, W.1, announce that Dibexin capsules (vitamin-B complex) are again available to retailers. Each capsule contains 1 mgm. crystalline vitamin B₁ and 0.1 mgm. vitamin B₂, together with the recognised components of the vitamin B complex derived from liver. The preparation is available in bottles of 25 and 100 capsules.

Sulphonamides Intranasally.—A preparation which is described as "a revolutionary development in intranasal sulphonamide therapy" is issued under the name Sulfex by Menley & James, Ltd., 123 Coldharbour Lane, London, S.E.5. The product presents, in a single chemically stable preparation, the bacteriostatic action of sulphathiazole and the effective vasoconstriction of Paredrinex inhalant.

Blackcurrant Pastilles De-zoned.—From March 2, Allenburys' glycerin and black-

currant pastilles are to be available throughout the British Isles. The makers, Allen Hanburys, Ltd., London, E.2, state that supplies remain restricted; in order to attempt fair distribution, the personal purchase vouchers are not to be accepted for quantities greater than one doz. 4-oz. packets 48 points—for each shop during a rationing period. Applications will be dealt with on rotation until the quota is exhausted.

Photographic Competition Prizewinners. In the November 1945 photographic competition organised by Johnson & Son Manufacturing Chemists, Ltd., Hendon Way, London, N.W.4, two first prizes of £5 each were awarded to Messrs. A. Hind, 79 Hartland Drive, Edgware, Middlesex, and F. Macey, 82 Sycamore Avenue, Cleadon Park Estate, S. Shields. The second prizes of £2 each were awarded Miss B. Wagstaff, 1-21 Northwood Hall, Hornsey Lane, London, N.6, Mr. A. Pann Frampton Cotterell, nr. Bristol, and Mr. F. J. Palmer, Redcot, South View Road, Marlow, Bucks. The names of winners of ten third prizes of £1 each, twenty-four prizes of 10s. each and twenty-four consolation prizes are given in a list issued by the promoters of the competition.

Proprietary Articles Trade Association

Additions to Protected List—Allied Laboratories, Ltd., Addition of Somnotil; new sizes of other products: Somnotil tablets (in tubes) 16s. doz., tax 2s. 8d. doz., inclusive retail price 2s. 3d. Antoin tablets (in tubes) 20s. doz., tax 2s. 8d. doz., i.r.p. 2s. 3d. Asmotil tablets (in tubes) 20s. doz., tax 3s. doz., i.r.p. 2s. 6d.; (in bottles) 50s. doz., tax 5s. 8d. doz., i.r.p. 4s. 9d.

Nu-Feet Products, Nu-Feet salts, 8s. doz., tax 2s. 8d. doz., i.r.p. 1s. 3d.; Nu-Feet cream 8s. doz., tax 2s. 8d. doz., i.r.p. 1s. 3d.

Potter & Clarke, Ltd., Dr. Thompson's slippery elm food, unmalting, 1-lb., 2s. 3d., 20s. doz. 2-lb., 4s., 36s. doz. (exempt from tax).

Alterations—Dimol Laboratories, Ltd., Dimol pastilles, 2-oz. tins, 10s. doz., tax 1s. 8d. doz. i.r.p. 1s. 6d.

Hall, Forster & Co., Ltd., Forster's Eldon and Fenolin vaporisers are now subject to purchase tax at the rate of 3½ per cent. Eldon, 15s. doz., tax 5s. doz., i.r.p. 2s. 2d.; Fenolin, 42s. doz., tax 14s. doz., i.r.p. 5s. 11d. £3 orders less 2½ per cent. £6 orders less 5 per cent. Further 2½ per cent. for counter or window display (The quantity discounts formerly applied on to Licoricine, but are now available also to the vaporisers and to Fenolin fluid ordered separately or assorted with Licoricine.)

DEATHS

BRINDLEY.—On January 21, Mr. John Brindley, M.P.S., Nettlebank House, Burslem, Stoke-on-Trent. He qualified in 1920.

CARR.—At Hughenden, Ransom Road, Nottingham, on February 7, Mr. Edward Ossley Carr, M.P.S., formerly proprietor of Fitzhugh & Carr, chemists, Nottingham, aged seventy-three. The son of a pharmacist, Mr. Carr qualified in 1893 and took over the business at 21 Long Row, Nottingham, in 1917, on the death of his brother, the late Mr. C. F. Carr, M.P.S. In 1922 he was local secretary to the British Pharmaceutical Conference. For many years he was secretary of the Nottingham Branch of the Pharmaceutical Society and served for one year as its president. He leaves a widow, two sons and two daughters.

COLLISON.—On January 9, Mrs. Mary Collison, M.P.S., Church Road, Leckhampton, Cheltenham. Mrs. Collison qualified in 1920.

CURTIS.—Recently, Mr. Edgar Curtis, P.S., 99 Brook Green, Hammersmith, London, W.6. Mr. Curtis qualified in 1897.

DICKSON.—In April 1945, Mr. Edward Morton Dickson, M.P.S., formerly of 10 George Street, Peebles. Mr. Dickson qualified in 1940.

EXELL.—On January 1, Mr. Arthur Exell, P.S., 36 Ellesmere Road, Sheffield. Mr. Exell qualified in 1902.

HUMPHREY.—On January 23, Mr. William Henry Humphrey, 69 Beach Street, Deal, Kent, aged seventy-three.

JAMES.—On January 27, Mr. Joseph Marshall James, M.P.S., 253 Petersham Road, Petersham, Surrey, aged sixty-seven.

LORENZ.—At his home, Fairfield, 16 Cockley Park, London, S.E.23, on February 7, Mr. Hugo Lorenz, aged ninety-two. Director of Hugo Lorenz, Ltd., chemical manufacturers, Idle Lane, E.C.3, Mr. Lorenz, who was German by birth, transferred to London at an early age and was one of the oldest and best-known figures in the London drug and chemical markets. Until comparatively recent months he was regularly at his office, and his genial personality will be much missed "on the scene."

MOORE.—On February 5, after a short illness, Mr. Donald Henry Moore, M.P.S., secretary, Somerset County Branch, Pharmaceutical Society; Somerset Branch, National Pharmaceutical Union; and Somerset Pharmaceutical Committee. Mr.

Moore qualified in 1923. He was in business at the Ashcombe Pharmacy, Weston-super-Mare, and took an energetic interest in pharmaceutical affairs. He leaves a widow and one daughter.

Mr. H. W. Vanes, M.P.S., writes:—The death from influenza of Mr. Donald Moore at the comparatively early age of forty-four came as a shock to his many friends and fellow pharmacists. Mr. Moore's early life was spent at Weston, where he served his apprenticeship, after which he lived at Bath for some years and qualified in 1923, later taking an optical diploma. He returned to Weston as assistant to Mr. Pritchard, whose business he acquired some sixteen years ago. Throughout his life Mr. Moore suffered from ill health but fought valiantly against it. In 1940, with one or two others, he formed the Weston-super-Mare Pharmacists' Association, and about two years ago succeeded Mr. F. Orchard as secretary to the Somerset Branches of the Society and National Pharmaceutical Union. He also rendered valued service in Civil Defence during the war.

PERRY.—Recently, Mr. Lewis Edward Perry, Fylde Villa, Glendale Avenue, Samares, Jersey, Channel Islands, aged thirty-eight. Mr. Perry was well-known as a dispenser on the Island. He was born at Stone, Staffs, and went to Jersey in 1932 as dispenser for Mr. Le Poidevin, David Place, St. Helier. After the liberation, and upon Mr. Poidevin's retirement, he entered into partnership with Mr. A. H. Spence. Mr. Perry leaves a widow and two sons.

TAIT.—On January 24, Mr. David Colvin Tait, M.P.S., 40 St. John's Road, Hightown, Wrexham. Mr. Tait qualified in 1921.

TUTE.—At the Victoria Hospital, Swindon, Wilts, on February 6, after a short illness, Mrs. Florence Elizabeth Tute, wife of Mr. James Scott Tute, M.P.S., Wood Street, Swindon, aged seventy-one.

WARNER.—Recently, Mr. Charles Horne Warner, M.D., B.Sc., M.R.C.S., L.R.C.P., D.P.H., F.R.I.C., Southwell, Notts, formerly medical officer of health for the Beeston and Stapleford urban district. Dr. Warner qualified as a chemist and druggist in 1904 and as a pharmaceutical chemist in the following year. For a time he was demonstrator and lecturer at the Pharmaceutical Society's School. At a later date he was a member of the board of examiners for England and Wales.

PERSONALITIES

SIR ALEXANDER FLEMING is to address three meetings in Glasgow during February. He will also deliver the Cameron Prize lecture in Edinburgh on February 22.

MR. J. I. M. JONES, F.R.I.C., research laboratories, British Colloids, Ltd., Park Royal, London, N.W.10, has been awarded the degree of Doctor of Science, University of Wales.

MR. R. H. HENRIKSEN, president of the Guild of Public Pharmacists, gave an address recently on "Hospital Pharmacy" before a meeting of the London and Home Counties Branch of the Society of Medical Superintendents.

MR. DOUGLAS H. MORRILL recently completed fifty years' continuous service with Robert Gibson & Sons, Ltd., Carlton Works, Erskine Street, Hulme, Manchester, 15. To mark the occasion he was presented with a cheque by the chairman of the company, who said Mr. Morrill was the sixth member of the staff to have completed half a century with the company and that three generations of Morrills had been associated with the business since it was established in 1857.

MR. M. COSTELLOE, this year's president of the Irish Drug Association (see p.209) is a Kerry man, and one of the most energetic and progressive of the younger generation of pharmacist proprietors in Eire. During the past few years he has shown his administrative capabilities as a valued member both of the Council of the Pharmaceutical Society and of the Committee of the Drug Association. Mr. Costelloe is fully alive to the many problems confronting pharmacists in Eire to-day. Outside his trade and professional interests he is an enthusiastic golfer, and he has been a stalwart of the Irish Chemists' Golfing Society for many years.

BUSINESS CHANGES

ETABLISSEMENTS PRIMEN (herbs and drugs) have removed to 18 Rue de Turbigo, Paris 2e, France.

CARIA RADIUM, LTD., and BLUE MASK & TEMU PRODUCTS, LTD., have removed to larger premises at 3 Mill Street, Conduit Street, London, W.1.

MR. NORRIS H. BOOTH, M.P.S., 75 Johnston Street, Blackburn, has been granted a licence to sell wine for consumption off the premises.

MR. T. H. WILSON, Ph.C., on February 11 reopened the pharmacy previously owned by the late Mr. H. F. Pyman at 8 St. Mildred's Road, Westgate-on-Sea.

MR. G. W. BARFOOT has been appointed sales manager to R. Fry & Co., Ltd., soft drink manufacturers, Fryco Works, Victoria Road, Portslade, Sussex.

GREAT GRIMSBY CO-OPERATIVE SOCIETY LTD., recently opened a modern pharmacy department at 209 Grimsby Road, Cleethorpes, Lincs.

THE ASHFORD CO-OPERATIVE SOCIETY LTD., has been granted a wine licence for pharmacy at Lydd, Kent, on the undertaking by its secretary that only medicinal wines will be sold there.

MR. G. E. WATSON, M.B.E., has been released from the Services, and has resumed his position as buyer to the Crookes Laboratories (British Colloids, Ltd.), Gorst Road, Park Royal, London, N.W.10.

THE Bristol branch office of the British Aluminium Co., Ltd., has been removed to 62 Queen Square, Bristol, 1. Telephone: Bristol 23957. Telegrams: Britalumi Bristol. The branch manager is Mr. F. J. Vince.

THE DRUGS BRANCH, Home Office (including the Poisons Board) removed on February 11 to St. Stephen's House, Victoria Embankment, London, S.W.1 (telephone Whitehall 8100). Applicants for import and export licences under the Dangerous Drugs Acts should submit applications and fees to the Finance Branch, Home Office, Cornwall House, Stamford Street, London, S.E.

WILLS

MR. HERBERT CASSIN WRIGHT, Ph.D., Bamville, Harpenden, Herts, formerly director of Wright, Layman and Umney Ltd., manufacturing chemists, left £84,011 with net personalty £71,366.

MR. ALBERT EDWARD HENRY BLACKBURN, Ph.C., Arncliffe, Half Edge Lane, Eccles, Lancs, formerly a director of Mottershead & Co., Ltd., and Bengel Food, Ltd., left £47,603, with net personalty £47,518.

MR. JOSEPH HOLDEN, 22 Morland Avenue, Bromborough, Cheshire, for many years representative of Robert Gibson & Sons Ltd., manufacturing chemists, Manchester and London, left £772, with net personalty £686.

MR. WALTER PERFECT SAVILLE, M.P.S., 8 Weldon House, Ainsty Grove, Dringhouses, York, a past-chairman of the Yorkshire Chemists' Association and a member of the York Insurance Committee, left £6,043, with net personalty £5,950.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

MEETINGS of the Council of the Pharmaceutical Society of Great Britain were held in London on February 5 and 6, the president (Mr. J. C. Young) in the chair.

New Member Welcomed

THE PRESIDENT welcomed as a new member Dr. B. A. Young, nominee of the Privy Council, who took the place of Sir Walter Langdon-Brown. The problems encountered by Dr. Young as medical superintendent of a great London hospital would, he said, help him to deal with and to appreciate those he would face on the Council. His presence was a happy augury, giving regard to the fact that at the present time the medicine and pharmacy must work in a better hand in hand to build a new health service that would be of lasting benefit to the country. DR. B. A. YOUNG said that he regarded it as a privilege and pleasure to sit with so many distinguished people on a Council which had done so much for the good of pharmacy in this country and to which the medical profession owed an everlasting debt of gratitude. The past few years had seen remarkable changes in therapeutics, and the medical profession had come to look to the pharmacist more and more for help and guidance. The Council had a great responsibility at the present time in view of the many proposals that would affect pharmacists.

THE SECRETARY said that it was the usual practice to invite a newcomer to the Council to serve on the committees on which his predecessor had served. Sir Walter Langdon-Brown, at the time of his retirement, was a member only of the Education Committee. He therefore suggested that Dr. Young should join the Education Committee, and have a "roving commission" as a visitor to the other committees until such time as, when the committees would be reappointed and his wishes could be considered. This course was agreed to.

It was reported that the Bury Branch had forwarded a resolution urging the Council to press the case for the retention of National Health Insurance dispensing in retail pharmacies. It was agreed to notify the branch of the Council's policy.

Registration

THE REGISTRAR reported that, since the previous meeting of the Council, sixty-four persons had been registered as apprentices or students. The restoration to the registers

of the names of fourteen pharmacists and one set of premises, removed during previous years, was approved. Applications were accepted from three pharmacists of Northern Ireland now resident in this country, for registration under the reciprocity regulations. Authority was given for the award of diplomas to twenty-three pharmaceutical chemists who had passed the qualifying examination. A letter had been received from the Pharmaceutical Society of South Australia expressing goodwill and members' admiration for their colleagues in Britain. "We are proud," the letter said, "of the manner in which they have faced their difficulties, and we hope that the coming year will bring them a reward for their efforts." The Canadian Pharmaceutical Association had also written expressing their good wishes, and Lieutenant-Colonel R. Chase (Chief of U.K. Regional Staff Detachment, United States Army) had written that men who had taken part in the visiting pharmacists scheme were enthusiastic in their praise of what had been done; this, he wrote, should lead to better understanding between individuals of the British Empire and the United States. The secretary also read a letter from the Argentine Pharmaceutical and Biochemical Federation, sending greetings and expressing the hope that the ideals of solidarity—cultural, scientific and professional—might be strengthened by the establishment of friendly relations between the two bodies by correspondence and the exchange of publications.

Refresher Courses for Serving Pharmacists

MR. MAPLETHORPE, in presenting the minutes of the Education Committee, referred to arrangements made with the War Office to provide refresher courses for serving pharmacists, enabling them to have a month's refresher course at special centres while still in the Army. The first such course had already been held at the Heriot Watt College, Edinburgh, the second had started at Sunderland, and the third was about to be held at Brighton. No course had yet been arranged in London, because the arrangements were being made by the Army Commands; London was included in the Eastern Command. The Western Command would probably arrange for a course to be held in Liverpool. The scheme had nothing to do with special arrangements made for attending courses after demobilisation. The Committee

recommended that a letter should be sent to all serving pharmacists giving them the fullest details of the arrangements, and stating that for B.A.O.R. personnel it was hoped that arrangements would be made to attach them to a Home Command to take a course. The question of bringing home personnel from other Commands had been discussed with the War Office but found impracticable on Service grounds. The arrangements made by the War Office had been communicated to the Air Ministry, and it was hoped that comparable facilities would be arranged. It was understood that Admiralty Fleet Orders permitted naval personnel to be given leave of absence for not more than four weeks to attend courses arranged by civilian agencies, but fees must be paid by the individual concerned. The attention of the Admiralty had been drawn to the facilities provided by the Army, and it was hoped that co-operation between the two services would be possible, so that naval personnel might attend courses arranged by the Army Commands. The Council agreed to the sending of the suggested letter.

Pharmacists in the Forces

Two resolutions passed by the executive committee of the British Pharmaceutical Students' Association (1) protesting against the enlistment of the more highly qualified pharmacists into H.M. Forces and urging investigation of the status of pharmaceutical chemists with the Central Register and the Man-power Board; and (2) calling for the recognition of pharmaceutical qualifications in the Forces, were placed before the Council. THE SECRETARY said that the first resolution seemed to have been passed under some misapprehension, because the Central Pharmaceutical War Committee had been able to secure the retention in civil life of quite young graduates for special work, such as that connected with penicillin. It was agreed that an explanatory reply should be sent to the Association.

Receipt was reported of an invitation from the Association of Scientific Workers and other organisations to send representatives of the Society to a conference in London on February 15, 16 and 17 on the general theme "Science and the Welfare of Mankind." Arrangements were made for the Society to be represented.

The report of the Benevolent Fund and War-aid Committee, presented by THE CHAIRMAN (Mr. J. F. McNeal), stated that fourteen grants had been made from the Benevolent Fund to a total of £306 10s.

One application had been deferred, and not granted. Among special contributions to the fund were several outstanding items. The trustees of the late Lord Leverhulme estate had given £200, the Liverpool Branch of the Society £136, the Wolverhampton Branch £111, and the Nottingham Branch (chairman's appeal) £72. An unusual feature was £10 from Mr. P. Flint, Newport, given in appreciation that he and his family had come safely through the war. MR. PARRY remarked that great credit was due to Mr. Tristram for his work in Liverpool on behalf of the Benevolent Fund. The total received for the War-aid Fund on February 4, 1946, was £40,121; expenditure was £9,703. Four further grants, amounting to £1,102, were approved.

Since the New Year seventy-one pounds from New Zealand were reported to have been distributed among the annuitants of the Society; a further thirty-six pounds awaited.

Resignation of Dr. Wallis

The Establishment Committee's report stated that the Dean had received the resignation of Dr. Wallis from his teaching post in the Society's College, to take effect at the end of the present session. HOWELLS (chairman) said that the Committee had felt it to be desirable to discuss with Dr. Wallis the question of his retaining the curatorship of the Society's museum for a further period. It was noted that entries had been received for the Herbarium Competition for 1946, and the committee decided to consider what steps could be taken to encourage future entries.

Canvassing by Council Candidates

MR. F. G. WELLS (chairman, Organisation Committee) presented a recommendation that a report on the matter of proposed by-law relating to canvassing candidates for election to the Council should be made to a Branch Representative meeting at the first opportunity. The committee had considered further communications from branches and members and had heard reports from members of the Council of discussions that had taken place at branch meetings which they had attended. It appeared that, through correspondence and personal contact, a better understanding of the matter had been brought about, and the committee felt that the proposed by-law should be explained more fully to the membership of the Society. This could be done through a Branch Representative meeting. The recommendation was adopted.

The Committee has accepted a request from the newly-formed National Organisation of Employee Pharmacists for a discussion between representatives of that body and the Organisation Committee; the meeting will be held on March 4.

Law Committee

In the report of the Law Committee, presented by the CHAIRMAN (Sir Malcolm Darling), showed that the premises of the authorised sellers, 139 listed sellers and the drug-store proprietors and similar traders had been visited by the Society's inspectors and agents. Twelve cases of alleged infringements were considered and appropriate action taken. On the committee's recommendation the Council adopted a report on matters to be referred to the Poisons Board for consideration. The Committee had considered a number of instances of advertising of dispensing services and decided that appropriate letters should be sent to the advertisers, and that one of the larger companies had intimated to the Society that, as a result of representations made to them, their policy in future would be to refrain from advertising dispensing services, subject to the completion of current advertising contracts. The Council asked that a letter should be sent expressing their appreciation of the attitude adopted by the company.

Research Grants

It was reported that Newton, Chambers & Co., Ltd., had given the Dean of the College a sum of £157 10s. for the purchase of two pieces of apparatus to be used in connexion with the research in disinfection. MR. MELHUISE said that the question of grants for research from other industries had been raised in the Joint School Committee on a previous occasion, and he wondered whether anything had been done in that direction. It was felt that the Society's College did not receive many grants of this nature as it should, and he gathered that the Academic Board was of the opinion that something was lacking in this connexion. THE TREASURER : I think there was a Treasury Order in the late Government's time to the effect that people could give monies for research or pioneer work, and that the amounts in question would be allowed as a business charge. The Order was to come into force on an appointed day, which, I think, will be about the beginning of the next financial year.

Report on Deputation to Ministry

MR. W. J. TRISTRAM (chairman of the Joint Committee on a National Pharmaceutical Service) reported on the visit paid to the Minister of Health on February 4 by three deputations representing various pharmaceutical interests to discuss his proposals for a National Health Service. He pointed out that those present at the interview included representatives of the Company Chemists and the Co-operative Congress as well as of the Joint Committee and other organisations which had joined with them for this purpose. The deputation had been invited by the Minister to meet him at the same time. Mr. Tristram added that what took place at the meeting with the Minister could not be published. He further reported that, subsequent to the interview, the deputations had decided to recommend to their organisations that a body representative of all pharmaceutical interests should be formed to watch the progress of the Bill through Parliament. The Council discussed the report at length and decided to adopt the recommendations.

The minutes of the various Committees were received, concluding the public business of the Council.

INSURANCE ACT DISPENSING

West Sussex.—An exhaustive review of the facilities available for dispensing for insured persons has been carried out by a special subcommittee of the Insurance Committee. Assistance was obtained from doctors and chemists in making the inquiry and the results showed that the chief difficulty lay in affording facilities on early-closing days and Sundays. The position was aggravated by the present shortage of qualified staffs.

Staffordshire.—A report presented by the medical benefit subcommittee to the Insurance Committee, recently, mentioned a letter that had been received from the widow of an insured person, querying the necessity for a payment for certain injections and suppositories obtained from an Insurance practitioner by her husband while he was a panel patient. The Committee's recommendation was that the doctor should be asked to refund the £23 2s. and withdraw his account for £2 2s.; he should then submit the prescriptions to the Committee, to be repaid at tariff rates.

NEWS IN PICTURES

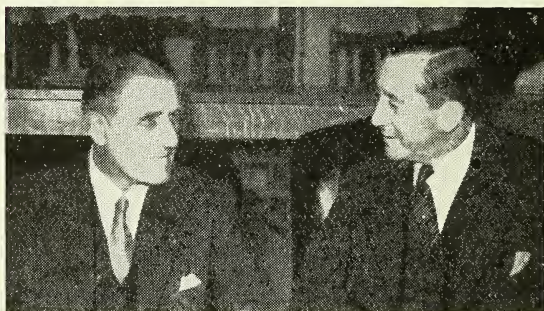
Scenes, Incidents and Personalities of Interest to Pharmacy and the Drug Trade



PHARMACY AS HUNT RENDEZVOUS.—Meet of the Easton Harriers in front of the pharmacy of G. W. Hales, Market Hill, Framlingham, Suffolk. (The photograph was sent in to us by the manager of the pharmacy, Mr. E. H. G. Bennett, M.P.S.).

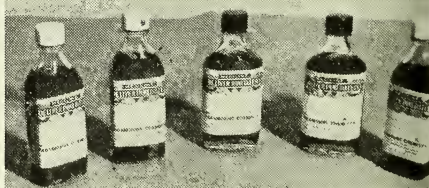
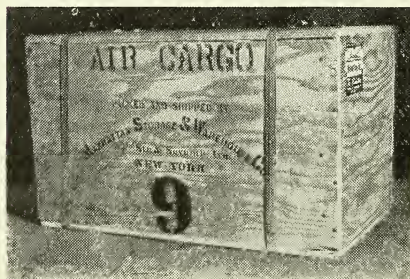


LIEUTENANT-COLONEL G. P. POLLITT, who recently retired from board of Imperial Chemical Industries, Ltd., London. (C. & D., January 12, p. 18).



TRADE TALKS WITH BELGIUM.—The first post-war trade talks between British and Belgian industrialists took place in London recently under private auspices. Picture shows Sir Clive Baillieu (president, Federation of British Industries) in conversation with M. van der Best (leader of the Belgian delegation, chemicals and textiles).

EXPORT BALL.—Some of the representatives of export destinations of products of Lennard, Lee-Narvill, Ltd., Hull, photographed at the company's "export ball" organised by the proprietors recently.



MEDICINES BY AIR.—Bottles of dispensed medicine packed to withstand the impact of landing, are among cargoes carried by the Manhattan Storage Company's service between New York and Los Angeles, etc.

JUBILEE DINNER AT GRIMSBY

Grimsby Pharmacists' Association held a jubilee dinner and dance at the Town Hall, Grimsby, on January 31. Mr. J. S. Freer (president) was in the chair, and over 250 members and guests were present, including the mayor and mayoress of Grimsby, the mayor and mayoress of Cleethorpes, Sir John and Lady Womersley, Mr. E. A. Brocklehurst (chairman, National Pharmaceutical Union), and Mrs. Brocklehurst (president, Hull Chemists' Association).

Proposing "The Grimsby and District Pharmacists' Association," Mr. Brocklehurst congratulated the Association upon its jubilee. Under the new National Health Service, he said, chemists would provide a pharmaceutical service second to none. He wanted a fair remuneration and some measure of security for the future, and could be relied upon to provide the services necessary. He congratulated the Grimsby Association upon its record, and made special reference to Mr. C. Dewing, a founder

member, who was present that evening. In reply, Mr. Freer spoke of the excellent spirit of co-operation and fellowship which existed between members of the Association. Everyone was ready always to help a fellow member if he could—a state of affairs, he declared, that did not obtain in every town in which he had worked, and one which the Association had done much to bring about. Mr. Dewing, who also responded to the toast, recalled many kindnesses he had received, and paid tribute to Mr. D. H. Appleby, who had served the Association as secretary for twenty-five years.

Mr. W. S. Proctor proposed "Our Guests" and the mayor of Grimsby, responding, said that chemists were often the first line of any health service, for they were not only compounders of medicine but were also a public consultative service whose advice was sought upon innumerable occasions. The mayor of Cleethorpes also responded to the toast.

IRISH DRUG ASSOCIATION

Mr. MICHAEL COSTELLOE, M.C.P.S.I., Marino, Dublin, has been unanimously elected by the committee of the Irish Drug Association as *resident* for 1946. The proposition was carried on the motion of the outgoing president (Mr. LYALL G. SMITH) seconded by Mr. C. O'NEILL. Mr. J. J. Roche, Dublin, was unanimously elected *Vice-president* on the motion of Mr. COSTELLOE, seconded by Mr. T. R. BOURKE. Mr. G. A. McLean was unanimously re-elected *Treasurer*. At a committee meeting of the Irish Drug Association held on February 4, Mr. M. Costelloe, the newly-elected president, in the chair, it was mentioned that assurances had been received from representatives of the Government, Ltd., that there was no intention of opening an account with a non-chemist firm in Dublin, as had been stated in a previous report. It was reported that a deputation to the Association had been interviewed by officials of the Department of Supplies with the object of discussing and revising prices of malt and oil. The deputation had been invited to the retail prices as circularised to members on January 16, and the Government representatives suggested retail prices which the deputation would not accept; and figures were produced to show that the members could not sell at the level suggested. A lengthy discussion took place before the deputation finally agreed to the prices which were already in operation. A price reduction

for Kepler malt and oil issued on January 16 applies to that brand irrespective of its country of origin. Members were instructed to adhere to the prices of all items in the Association's price list and to ignore reductions circularised by manufacturers until the official change was notified by the Association, the direction applying particularly to products of such firms as refuse to allow rebates. Henry Finn & Co., Ltd., have been added to the approved list of wholesalers, class B. The following have been added to the approved list of manufacturers: Brooke, Parker & Co., Ltd. (all products), Pineglow cough and cold elixir; Rybar Laboratories, Ltd. (all products). It is hoped that a new edition of the price list will be ready for members in March.

Presentation Dinner

To mark the silver jubilee of Mr. G. A. McLean Lee as treasurer of the Irish Drug Association, the Association is holding a complimentary dinner in Cery's Restaurant, Dublin, at 6.30 p.m. on March 5. The committee hopes that as many as possible will be present. Dress will be informal, and tickets (15s. each) may be had on application with remittance to the secretary, 12-14 College Green, Dublin. Applications should be made to reach the secretary on or before February 19. A presentation will be made to Mr. McLean Lee at the dinner.

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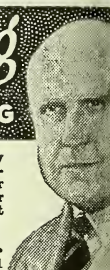
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NO. XLV FEBRUARY 16, 1946 NO. 3445

Purchase Tax or Sales Tax?

The view recently put forward by the manager of a well-known company that purchase tax is no longer having the effects which it was devised, will find a large measure of support throughout the whole of the country. This war-time tax was designed to meet a dual need. It was introduced into the British revenue system in 1940 by means of the Finance (No. 2) Act of that year, and it was stated in Parliament at that time to have two main objects. The first was to raise revenue, presumably for war purposes, the second to reduce the consumption of goods and so help the war effort. The idea was not altogether new, however, as a tax on the purchase of goods is to be found in many other countries. In Canada, for example, such a tax was introduced in 1927, in Australia in 1930, and in New Zealand in 1933, under the name of a sales tax. The essential difference between a sales tax and purchase tax is that the former is designed as a permanent method of applying indirect taxation over a selected range of consumer goods, while the latter is an emergency measure devised to meet a war-time exigency, and is imposed on a wide range of goods which definitely come within the class of necessities.

Since purchase tax was introduced to meet an emergency situation, it was generally expected that with the return to normal conditions the tax would gradually disappear, or, if the revenue

from the tax was still required, would at least change its character to that of a sales tax. It is true that some minor cuts have been made in purchase tax since the end of the war, but the number of articles so affected is extremely small. On the basis of a sales tax, if that is the purpose the Government has in mind in connexion with the future of purchase tax, the scope of the articles liable to tax would have to be drastically curtailed, and the tax reduced to a level compatible with the ability of industry to bear the additional load. So far as drugs and medicines are concerned, the continuance of purchase tax in any form is to be deplored and it is to be hoped that the Chancellor of the Exchequer, in framing his final proposals for the next financial year, will bear in mind the inadmissibility of a permanent tax on the sick.

Reception of Reinstated Employees

In a sense the re-assimilation into peace-time occupations of men and women who have been on military or other national service—for periods which may extend into several years—presents a problem greater even than beating swords into ploughshares. The London Chamber of Commerce has rendered a service to industry in suggesting a helpful approach to the problem and in outlining a number of steps that may with advantage be taken by employers. Some of the steps suggested affect only large-scale industries, but others are capable of being adopted by all employers, large or small. For example, an expression of the employer's determination willingly to accept men back into civilian life has been seen to have psychologically a heartening effect upon ex-Service men who have for several years been out of touch with their former employment and associations. The suggestion is therefore made that a personal letter, signed by the employer, should be sent to each of the former employees due for demobilisation, informing him of the arrangements that are being made for his return.

The attitude of existing employees to ex-Service men should also be taken into consideration. Difficulties of the returning men should be explained, in order to avoid any feeling that specially favourable treat-

ment is being given to a man when the sympathy and understanding he receives are what his difficult situation calls for. Where several or many employees are due to return, it has been found an advantage by some employers to prepare a record or register of all employees entitled to return to their old employment. On this record provision would be made for information such as age, whether married or single, type of work, rate of pay, any special ability or skill acquired during war service, examinations passed, and category for release.

The actual reception of a returning employee should, moreover, be the responsibility of the proprietor or of some departmental head, and should certainly not be left to a person previously unknown to the returning warrior. Where changes in the nature of the business owing to war-time conditions have prevented the returning employee from taking up precisely his old position, an outline should be given of the company's war-time developments by way of explanation. For some time it may be necessary to give work that appears dull or uninteresting compared with the previous work and, when this is so, it should be fully explained and the promise held out of full reinstatement when the business again develops fully along its former lines. When this has been done it has usually been found that returning employees are quite willing to undertake work not strictly normal to them. Finally, opportunities of retraining should be offered and the special aptitudes brought out in the analysis suggested above should be put to good use wherever possible.

Comment on Council Reports

THE Law and Joint School Committees' reports submitted to the Council of the Pharmaceutical Society of Great Britain at this month's meeting (see p. 205) contain items of unusual interest. On the subject of advertising dispensing services the Law Committee, which had previously written appropriate letters to those concerned who publicised their dispensing service, reported that "one of the larger companies had intimated that as a result of the representations made to them, it would be their policy in future to refrain from the advertising of dispensing services." This under-

taking was given subject to the completion of current advertising contracts. It was undoubtedly be accepted as a favourable gesture by independent retailers, might well lead to a better understanding between the two interests, a development which is highly desirable at the present time. The Minister of Health (Mr. A. Bevan), in receiving in one body the deputations representing pharmacists on February 4, made it apparent that, as he is concerned he intended to develop pharmacy as one entity.

Commenting at the Council meeting on the grant of one hundred and fifty guineas by a well-known chemical and engineering company to the Dean of the College for the purchase of two pieces of apparatus, a report of which was submitted by the Joint School Committee, Mr. Melhuish said he felt that the Society's College did not receive so many grants of this nature and should and he gathered that the Academic Board were of the opinion that some improvement was lacking in this connexion."

The Society's College should not only be adequately equipped with modern instruments and apparatus but the necessary finance should be available to permit the scrapping of any obsolete and inefficient laboratory furnishings. The chemical industry as a whole has not shown so ungenerous in the past in recognising the practical form appeals for support of this kind, but the results so far as the Society's College is concerned have not been particularly satisfactory. Many manufacturers of pharmaceutical products have made good use of the facilities available at the College and much valuable research has been carried out there. Has the Joint School Committee made an effort to inform the industry as a whole in its College? We suggest it might do so. If a sufficient effort were made in this direction, we feel confident that the financial situation which is at present lacking would be improving. The fact that donors of grants for research and similar work underwritten by non-profit-making institutions are allowed to count such gifts as business expenses when making returns for income tax should be helpful in a campaign for financial support.

A BRAINS TRUST AT EDGWARE

RE Division of the North London Pharmaceutical Association held a pharmaceutical "brains trust" at Edgware on February 28. Members of the trust were T. C. Neville Booth (chairman, Metropolitan Branch, Pharmaceutical Society), Norman Dewey (Allen & Hanburys, Ltd.), A. V. Shelton (territorial general manager, Boots, Ltd.) and G. R. A. Short (member of the board of examiners of the Pharmaceutical Society); Mr. Horace Booth was question-master. The following questions were answered:—

Questions on Apprenticeship

DEWEY: Do the members of the "brains trust" consider the present system of apprenticeship satisfactory? If not, what do they suggest?

BOOTH: The regulations need overhauling. Apprenticeship is essential to train chemists for retail pharmacy. It would be an advantage if, in addition, some part of the training could take place in the manufacturing sphere.

DEWEY: Apprentices should first study and pass their examinations at school, then receive their training in retail pharmacy. Supervision by the Society should be more strict. Matriculation standards should be required of all entrants. Boots, Ltd., were paying great attention to their training of apprentices. Their curriculum included special courses of instructing working hours. The special training undoubtedly contributed largely to a substantial increase in the number of retail apprentices qualifying.

SHORT: The order of training should be, first, college training, and then training in retail pharmacy; training in a manufacturing sphere would be valuable but might be difficult to arrange.

DEWEY: We've told that "financial interests" have been injured by the new pharmacy. Would the brains trust members think about this?

BOOTH: If the questioner means by "financial interests" the companies, these have done a great deal to improve pharmacy. They are only one example, their well-organized dispensaries have set a high standard in equipment and layout.

DEWEY: The question is capable of wide interpretation. All in pharmacy are making money, i.e. are "financially interested." This is not inconsistent with their having claims as well, for example, the improvement of pharmacy. In fact, whether "financial interests" injure pharmacy or depend upon the individual.

BOOTH: The financial interests which come to mind are (a) the proprietary-medicine manufacturers and (b) the companies. The first have helped pharmacy by their advertising campaigns. The companies have helped by attempting to improve standards in pharmacy.

Should steps be taken to press the Government to shift the onus of the removal of purchase tax from the shoulders of the retailer?

BOOTH: It is a delusion to think that there is any likelihood of an early removal of purchase tax. It will almost certainly not be removed soon from such goods as cosmetics. Means should be devised to free the retailer from liability for tax until the goods are sold.

SHELTON: It will be a long time before the tax is removed from toilet goods and cosmetics. Nevertheless, the Government should be asked to consider the situation with a view to drawing up an equitable plan to be put into operation if and when the tax is removed.

SHORT: If the authorities had to collect tax from retailers individually, the tax would soon be abandoned as impracticable.

Candidates' Canvassing

What is the opinion of the brains trust on the proposed new by-law, which seeks to prevent canvassing for votes by candidates for election to the Society's Council?

BOOTH: The North Metropolitan Branch is critical of the proposed new by-law. In the past, the Branch appointed a special subcommittee to consider programmes submitted by candidates and to make recommendations on supporting them or otherwise. No further steps should be taken in the matter by the Council until branches have had an opportunity fully to discuss it.

DEWEY: It is an attempt to achieve a theoretical ideal—that of conferring on pharmacy a closed system and preventing the introduction of outside politics. In fact, few pharmacists take notice of any canvassing or even of any candidate.

How is it that most items in short supply can be obtained from unheard-of agents when reputable firms cannot even supply small quotas?

DEWEY: In 1938, small firms outside normal distributing channels staked claims for supplies. The authorities were not sufficiently familiar with normal channels to sort out the intruders. The result is that firms which hitherto had not handled such goods now receive quotas.

SHELTON : In the early days of the war, taxi-loads of goods were sometimes offered to Boots, Ltd., at their London warehouse. When the purveyors were asked for their permit to trade in such goods, they made off without waiting for further inquiries. There was doubtless a "black market" in pharmaceutical as in other supplies.

Commercial and Professional Selling

Has the sale of bathing hats, sun-glasses, seeds, etc., spoilt the pharmacist's chance of regaining professional status ?

DEWEY : There is a big difference between commercial and professional selling. Such goods as bathing hats could be well sold by pharmacists with a knowledge of the article, or could be just handed out by counter-hands of the sixpenny chain-store type.

SHELTON : If the ethical side of pharmacy could provide, on its own, as good a living as the present mixture of professional and commercial practices, then it would be wise to follow the ethical side alone—but could it do so ? What is essential to pharmacy is intelligent selling.

SHORT : Pharmacists could be divided into two classes, professional and commercial.

If and when a stable form of penicillin becomes available, should it be sold freely to the public for self medication, or restricted to Schedule 4 like the sulphonamides ?

SHORT : It should be restricted to Schedule 4 sales.

SHELTON : It should be restricted at least until more research has been carried out. It might then be taken out of Schedule 4, providing its sale could be confined to the pharmacist.

BOOTH : There is a danger that, used indiscriminately, it may build up in the patient a degree of sensitisation against the action of penicillin. For this reason sales should be restricted.

DEWEY : The difficulty about Schedule 4 is that it entails a great deal of care and observance of regulations on the part of the manufacturers and retailers, yet no care is taken in its handling by the patient. Part 1 of the Poisons List would probably be a sufficient restriction. The character of penicillin makes the danger of misuse rather a negative one. The expense of handling it is high, and it is to be hoped that pharmacists will charge an adequate dispensing fee.

Does the brains trust advocate a dispensing fee for Schedule 4 proprietaries ?

(UNANIMOUS) : Yes.

In educational matters, should the Pharmaceutical Society provide post-graduate for the pharmacist ?

SHORT : The idea is good, but it is difficult to see how pharmacists can leave jobs to attend such courses. The evening classes are helpful in the interim.

DEWEY : Only geography stands in the way of such education. In towns, pharmacists should get together and engage lecturers.

SHELTON : Such courses, if supported on a voluntary basis, are good. It is difficult to see how a scheme could be run on a compulsory basis.

BOOTH : It would be beneficial on a voluntary basis ; compulsion would make it unworkable.

By the same post in September 1945 from two manufacturers were received announcing reductions in the prices of certain commodities. The first read "The price will be reduced, and the product must be sold at the new price after that date irrespective of what was paid for it." The second read "After October 1 the retail price will be reduced, but stocks may be sold at a price based on the cost on the invoice." Is the first correct ?

DEWEY : The problem is governed by the Price of Goods Act. Whatever reduction is made, the pharmacist is entitled to sell at a price based on the invoice. Clearly, the goods concerned must be sold at the particular invoice. The manufacturers may give credit for goods already sold, but difficulties of labour, etc., do not make this an easy matter.

Compulsory or Voluntary Rotas

Should there be compulsory rota duty on Sunday and early closing day for retail pharmacies ?

BOOTH : No. Such rotas should be voluntary.

SHELTON : Uniform closing hours and compulsory duties, would be in the interests of pharmacy. Pharmacists would present a united front so far as hours of opening were concerned.

DEWEY : Compulsory powers should be available to be used only where a voluntary scheme failed to operate.

Will the brains trust give us their views on the distribution of infant foods through welfare centres, and have they any suggestions as to how the abuse which crept in in previous years can be obviated ?

DEWEY : It must be remembered that all rate-payers are entitled to be

from the rates. The National Milk sold so extensively during the war meant that other baby foods are easily available for sale by pharmacists. Municipal trading should not be allowed to the detriment of one section of the community—the pharmacists. The only method of distributing through pharmacists by means of a chit system is faulty.

SHELTON: It is difficult to see why there should not be a means test to determine whether people should be permitted to have special clinic prices.

Minimum Standards

SHELTON: A minimum standard of equipment for pharmacies be laid down and, if so, should pharmacists be unable to attain that standard be disqualified from practice for a reasonable time?

DEWEY: The dispensing screen should be established, and all operations carried out in the view of the patient. New pharmacies should not be set up unless their equipment meets a reasonable standard.

SHELTON: Boots' dispensing screens do give a fair view of dispensing operations. There should be a minimum standard of equipment.

DEWEY: Pharmacists who are not willing to give proper attention to their dispensing should not be allowed to dispense. In some areas there is not sufficient dispensing space for elaborate equipment.

SHELTON: What is the future of retail pharmacy? Do you think it is likely that the retail pharmacist will cease to exist?

DEWEY: There will always be pharmacy without the pharmacist, but not necessarily in the form of a retail pharmacy.

SHELTON: Retail pharmacy has a glorious future. It is unthinkable that it should disappear. Retail pharmacists will be called upon to act as self-medication lasts.

DEWEY: A "hole-in-the-wall" health-dispensing service would never satisfy the public. The public would demand the right to obtain its medicines from the retail pharmacist.

SHELTON: Is pharmacy a profession? If so, why are the pharmacists the only section of the community who appear to think so?

DEWEY: The commercial aspect of pharmacy need not lead one to conclude that it is not a profession. Are not the public interested in the commercial side of pharmacy?

SHELTON: If practised as pharmacy, it should be considered a profession. Retail pharmacy is a mixture of both, but how

professional it is depends on the individual.

SHORT: The pharmacist is professional by training but not always so in practice.

BOOTH: The customer regards the pharmacist as a professional man. It is perhaps understandable that doctors do not always regard him so. In the public view, pharmacy is definitely a profession and the pharmacist a professional man.

Should the metric system be introduced into pharmacy?

(UNANIMOUS): Yes. (Mr. Shelton added that it should be introduced generally throughout the country.)

Is the practice of giving 10 per cent. discount to nurses justifiable?

DEWEY: What constitutes a "nurse"? It is necessary to define this.

BOOTH: The National Pharmaceutical Union suggests giving a 10 per cent. discount to State Registered Nurses, the nurse being given a card to be presented at the time of purchase of articles for herself only and not for the patient.

SHELTON: Boots have a system of issuing cards to State Registered Nurses. In case of doubt as to whether the goods purchased are for her personal use, the manager is empowered to use his discretion in the matter.

SOLUBILITY OF SULPHONAMIDES

The effect of pH on solubility of sulphonamides is considered by Krebs and Speakman ("British Medical Journal," 1946. I.47). Most of the sulphonamides are ampholytes (i.e., both acids and bases), although some (e.g., sulphaguanidine) are bases only and others (e.g., sulphasuccidine) are acids only. It has been known for some time that the solubility of sulphonamides rises as a rule with increasing alkalinity (e.g., alkaline urine). Most sulphonamides are weak acids which form readily soluble salts within the physiological pH range of urine. Since salt formation usually increases within the physiological limits of pH , the solubility also increases with pH . The writer shows that the approximate solubility of sulphonamides in aqueous solutions of different pH can be predicted from two constants—the solubility of the undissociated sulphonamide and the acid dissociation constant, and he describes a method for the determination of the values of these two constants. The acid dissociation constants of sulphonamides affect certain pharmacological properties. The non-absorption of the drugs of the sulphaguanidine and sulphasuccidine groups appears to be related to the non-ionisation of the $-SO_2N < \text{group}$.

COMING EVENTS

Monday, February 18

ST. ANDREWS AND DUNDEE BRANCH, CHEMICAL SOCIETY, Chemistry department, University College, Dundee, at 5 p.m. Professor C. W. Davies on "Electrolytic Dissociation in Salt Solution."

ROYAL SOCIETY OF ARTS, John Adam Street, Adelphi, London, W.C.2, at 1.45 p.m. "Synthetic Fibres." (First of three weekly Cantor lectures.)

Tuesday, February 19

WALSALL BRANCHES, NATIONAL PHARMACEUTICAL UNION and PHARMACEUTICAL SOCIETY, Pattison's Cafe, The Bridge, Walsall, at 7.30 p.m. Alderman W. J. Tristram (a member of the Pharmaceutical Society's Council and N.P.U. Executive) on "Current Pharmaceutical Affairs."

NORTH LONDON PHARMACEUTICAL ASSOCIATION and NORTH METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Beales' Restaurant, Holloway Road, London, N.6, at 7.30 p.m. Dr. J. M. Alston (group pathologist, Archway Group Laboratory) on "Sera and Vaccines."

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE, 26 Portland Place, London, W.1, at 2.30 p.m. Mr. A. G. G. Thompson (medical officer of health, Lambeth) on "Land Utilisation in Relation to the Public Health."

Wednesday, February 20

NORTH BRITISH BRANCH, PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 36 York Place, Edinburgh, at 7 p.m. Messrs. J. P. Todd, J. T. Laurie and G. R. Milne on "The Preparation of Non-pyrogenic Saline Infusion Fluid." Messrs. J. P. Todd and G. R. Milne on "The Result of Tests on Non-pyrogenic Fluid." Messrs. J. P. Todd, J. T. Mearns and G. R. Milne on "Bacterial Filtration: A Record of Some Experiences."

NOTTINGHAM BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS and NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Medico-chirurgical Society's room, St. James's Street, Old Market Square, Nottingham, at 7 p.m. Dr. A. Gordon on "Anæsthetics."

NORTH-WEST 3 and WEST 1 DISTRICTS, NATIONAL PHARMACEUTICAL UNION, Adelphi Hotel, Liverpool, at 3.15 p.m. Mr. G. A. Mallinson (secretary, N.P.U.) on "The N.P.U. and its Policy in Regard to Post-war Pharmacy."

Thursday, February 21

WESTERN (LONDON) PHARMACISTS' ASSOCIATION, Lecture theatre, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Addresses by Council candidates. Refreshments.

SOUTH STAFFS BRANCH, PHARMACEUTICAL SOCIETY, Grand Hotel, Hanley, at 6.15 p.m. Annual dinner and dance. Tickets 15s. each.

LIVERPOOL BRANCH, CHEMICAL SOCIETY, pratt lecture theatre, Liverpool University, at 5 p.m. Dr. F. E. King, M.A., on "Chemical Investigation of New Therapeutic Agents."

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY, Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2, at 6.30 p.m. F. J. Tritton on "The Photographic of Documents and Plans."

Friday, February 22

MANCHESTER PHARMACEUTICAL ASSOCIATION and MANCHESTER BRANCH, PHARMACEUTICAL SOCIETY, Midland Hotel, Manchester, at 7.45 p.m. Mr. J. C. Young (president, Pharmaceutical Society) on "The Future of the Chemist's Shop."

EDINBURGH BRANCH, CHEMICAL SOCIETY, British Station Hotel, Edinburgh, at 7 p.m. Professor E. L. Hirst, F.R.S., on "Problems in Polysaccharide Chemistry."

NEWCASTLE AND DURHAM BRANCH, CHEMICAL SOCIETY, King's College, Newcastle-on-Tyne, at 5.30 p.m. Professor W. Wardlaw on "Structural Inorganic Chemistry (son Club lecture)."

ST. HELENS SECTION, BRITISH ASSOCIATION OF CHEMISTS, Y.M.C.A. Buildings, St. Helens, at 7.30 p.m. Mr. H. Cole, B.A., on "The Chemistry of Coloured Glasses."

Sunday, February 24

MANCHESTER PHARMACEUTICAL ASSOCIATION, Ramble to Macclesfield, Kettleshulme, Whaley Bridge. Meet London Road at 9.20 a.m. Book Macclesfield return.

Students' Official Organ.—The third issue of the "Future Pharmacist," the official organ of the British Pharmaceutical Students' Association, establishes the journal as a publication with every prospect of a long and successful career. The circulation number, in addition to contribution by two members of the Pharmaceutical Society's Council (Mr. F. C. Wilson on "Statement on Matters of Professional Conduct," and Mr. J. F. McNeal on "The Society's Benevolent Fund") includes a review of the current syllabus by the president of the Association (Mr. E. Meadowcroft, Ph.C., Brighton Technical College), a lively and critical editorial quiz, and other literary items. For the benefit of students who have not had the opportunity of seeing the paper, it is announced that copies may be obtained at a price of fourpence each, post free, from the secretary of the Association (Mr. W. E. Ph.C., College of the Pharmaceutical Society, University of London).

SC LANEOS INQUIRIES

Ma te.—*H. R. F.*—Mannite, mannitol, xhexol is a hexahydric alcohol, (2), readily soluble in water, slightly ol. Dulcitol and sorbitol are two it isomers.

ac alitis.—*R. E. P.*—The symptoms d r i b e appear to relate to radiculitis, mation of the root of the spinal This affects especially that portion s between the spinal cord and the ebral canal.

on Needs of Body.—*A. D. F.*—It is recommend for protein intake 1 gm. each kilo of body weight (i.e. about for the average adult male). The intended to provide a factor of f approximately 50 per cent. in f the average maximum require- f a person on an ordinary diet.

Ulcer Treatment.—*A. D. C.*—A uminum hydroxide is widely used eatment of peptic ulcer, not only ower of neutralising acids and so ing pepsin, but also for its astrin- d demulcent properties. Not being t, it can be given without danger of al. Nor does it cause compensatory n of acid secretion.

Ma ke.—*N. E. L.*—Three drugs are y the name mandrake: (1) *Mandra- inarium* (*M. autumnalis*) or *Atropa ndora*, N.O. Solanaceæ, a poisonous, European plant; (2) *podophyllum peltatum*, N.O. Berberidaceæ), y apple or American Mandrake; d (*Bryonia dioica* and *Bryonia alba*, urbitaceæ, the English Mandrake the British Pharmaceutical Codex.

Pne monic Cough.—*A. S.*—The cough in hia, even when there is no sputum, ses pain and destroys the patient's comfort, and should be lessened by of linctus of codeine, B.P.C., every four hours. Linctus of diamorphine, may be substituted if the codeine t produce the desired easement. ere is much discharge it is advisable a alkaline draught (warm) consisting 15 gr. each of sodium bicarbonate d in three or four tablespoonfuls of water every three or four hours. nd linctus of camphor, B.P.C., is o great value, not only reducing the qu of the cough but acting also as ex t o r a n t. Where there is any trace a, compound mixture of lobelia and ium, B.P.C., is indicated.

CORRESPONDENCE

Forty-six Years in South Africa

SIR,—Although we were both in business in Surrey, until I left England in 1900 I never met the late Mr. William Redpath, whose death in Capetown at the age of 101 you recently recorded. My businesses were in Carshalton and Wallington. I am no youngster myself, as I passed my Major examination in December 1879, but am the junior of the deceased both as to age and business experience.

Yours faithfully,

Bloemfontein, S.A. FRANCIS CARTER.

Against Forty-hour Week

SIR,—Ministers continually remind us, principally through Sir Stafford Cripps, that we must have greater production; this can only be accomplished by harder work or longer hours or both and the Government apparently lack the courage to say so. It is up to us to do what we can to remove obstacles that operate in restraint of trade. France tried a forty-hour week and collapsed in 1940. In this country, with its different economy, the collapse would be swifter and more disastrous.

Yours faithfully,

London, S.E.1.

H. LATTIMER.

Council Candidates' Quiz

SIR,—At a meeting of the Blackpool Branch of the Pharmaceutical Society of Great Britain on January 14 it was approved that a letter be sent to THE CHEMIST AND DRUGGIST for publication asking candidates for the Council election to answer the following questions in their election letter so that members of this branch can form an opinion of each candidate for voting purposes :—

1. Are you actively engaged in pharmacy?
2. In what capacity?
3. How old are you?
4. Do you think that pharmacy should be controlled by its members or by the Government?
5. Do you agree that a report of the opinion of each councillor should be published on all matters of major policy and of resolutions passed by organised bodies of pharmacists?
6. Do you believe that the editor of the "Pharmaceutical Journal" should have autocratic powers in deciding what shall be published in the "Journal," particularly letters from branches?

Yours faithfully,

Blackpool, N.S. P. VARLEY, Secretary.

OVERSEAS TRADE NEWS

Helena Rubinstein Plant at Grasse.—Madame Helena Rubinstein is reported to have announced that she will soon have her own experimental perfume laboratory and plant in the vicinity of Grasse, France.

Argentine Sunflower-seed Acreage.—The first official estimate of the Argentine 1945-46 sunflower-seed crop places the area planted at 3,882,000 acres, compared with 3,693,000 acres initially estimated for the 1944-45 crop.

New Zealand Vitamin Oil Production.—New Zealand may become self-sufficient in her requirements of vitamin oil when expansion of the fish-oil plant near Wellington has been completed. It is hoped to step up output to 10,000 gallons annually, an amount equal to the quantity of cod-liver oil imported into the Dominion in pre-war years.

Canadian Price Orders Suspended.—As from February 1, maximum prices for a range of goods sold in Canada are suspended. The articles affected include cleaning fluids, cosmetics (except soap, shampoos and dentifrices), drugs, proprietary medicines, household remedies, dressings, shaving accessories and certain used goods. Maximum prices for a number of services have also been suspended.

Swedish-Danish Commercial Treaty.—A new commercial treaty, valid for one year as from February 1, has been signed between Sweden and Denmark. The treaty provides for Swedish exports to Denmark during the coming twelve months to the value of Kr. 99 million. Denmark will deliver products, including pharmaceutical preparations and dyes, to the value of Kr. 88 million.

Canadian Trade with Brazil.—With some European countries unable to export, Canada is in a good position today to supply the Brazilian market with industrial chemicals and pharmaceuticals, according to the president of Industrias Quimicas do Brasil, S.A., on his arrival in Canada recently to arrange for export of Canadian pharmaceuticals and heavy chemicals to Brazil. Heavy chemicals were urgently needed in Brazil, and their shortage was holding up textile, paint and tanning industries.

Whey for Streptomycin.—Canadian farmers soon will be playing an important part in the production of streptomycin, a new drug claimed to be effective against diseases

resistant to penicillin. Milk sugar from whey collected from cheese in Eastern Ontario and Quebec will be used by Canadian manufacturers who are expected to be planning full-scale production of the streptomycin. The Department has been collecting the whey and sending it to a New York State condensery, where it has been processed into milk sugar and whey powder. Most of the two products are destined to Canada, the sugar for use in baby foods, and the powder for enrichment of the vitamin content of livestock feeds.

French Chemical Trade in December.—Shortage of fuels and inadequate production of electricity continued to hamper the production of the French chemical industry during December, 1945. Shortages particularly marked in the production of sodium products, calcium carbide, organic base materials for synthetic dyes. Production of soap in December amounted to 4,950 tons, less than a quarter of the average monthly 1938 output. December total, 1,450 tons of toilet soap (compared with an average monthly figure of 1,370 tons in 1938), 3,500 tons household soap (against 3,500 tons in 1938).

U.S. Chemicals Supply Position.—Following the prolongation of the United States strike, a somewhat easier demand for chemicals has been in evidence, though export inquiries continue to pour into the market to absorb any material which may be available. Ammonium sulphate, ammonium nitrate, caustic soda, soda ash, and potash alum are among chemicals in an extremely tight supply position for which there is a strong demand from abroad. A factor hindering the supply of chemicals is the lack of suitable containers for export; the shortage of steel drums has necessitated the use of wooden barrels for this type of container is of little value for storing purposes. Similar transportation problems face the distributors of chemicals, while demand for the material is reported to be increasing; makers report they have good stocks of chlorine on hand. Trade reports that a U.S. Government agency is about to enter the market with about half of the current year's production of D.D.T. have been reflected in higher spot quotations while higher prices on several dyeing materials have been occasioned by a decline in production.

TRADE REPORT

tations for pharmaceutical chemicals, crude drugs and essential oils represent the wholesale quantities of standard quality. C.i.f. quotations do not include marine risk insurance and other abnormal charges payable under present conditions.

sex Street, W.C.2, February 13

me of business transacted in the drug and chemical markets shows off this week compared with last. no lack of export inquiry but in tances shortage of supplies pre- possibility of business in this

A steady routine demand has m the home trade for replenish- ems. Prices are mostly firmly ed, the few minor amendments small effect on the general position. as in the PHARMACEUTICAL CHEMI- rkets are unchanged with prices t recent levels. The container remains a source of difficulty to urers of chemicals; a quicker d of empties would be helpful nnexion.

de rugs

ports to hand from the CRUDE ection indicate that these items in routine demand at prices little from recent quotations. The osition shows no marked improve- hough a few articles long absent e markets show some signs of pping. Business in ANTIMONY metal s up to the limit of smelters' ac at the recently advanced rates. are steady and unchanged. is wanted but the outlook for shows no improvement. A good is being received for BISMUTH small supplies of BUCHU LEAVES obtained on spot. CARDAMOMS are t rather higher prices now ruling. LA is in good spot demand. are quiet. COCHINEAL silvers had on spot and some blacks are afloat. A fair business is passing OCYNTH PULP. GUM ACACIA is asier on the spot. KOLA NUTS available but only in small quan- The position of Brazilian MENTHOL outlined last week. PIMENTO is d easier. SEEDS are reported to sted except DILL which is in small A good inquiry is noted for TRAGACANTH is unchanged with grades scarce and firm. Some VALERIAN ROOT will soon be

Essential Oils

The position of these items shows prac- tically no change. Very little business is possible outside the official distribution scheme because of shortage of supplies. As noted last week official prices of un- refined oils and fats and technical animal fats will be unchanged during the current control period. A new circular has been issued by Essential Oils Control (p. 223).

Distribution of Beeswax

The Raw Materials Department of the Ministry of Supply, after consultation with the Trade Advisory Committee, have decided that the balance of the Government stocks of beeswax will continue to be distributed direct to users through the Association of Merchant-Distributors of Beeswax, Ltd. It is estimated that the quantity available will enable the Association to allocate to users, on application, sufficient beeswax to bring their stock at March 1, 1946, up to about four months' requirements on the basis of their 1945 consumption. Stocks acquired by way of private imports will not be taken into account for this purpose. Prices will remain unchanged. Allocations will be completed within the next few weeks and the Association will be dissolved on March 31, 1946. Thereafter users must obtain their requirements through normal trade channels. Applications for allocations from Government stock should be made to the Association, 38 Lombard Street, London, E.C.3, without delay.

Exchange Rates on London

Bank of England fixed rates at the opening on Wednesday morning were :—

Centre	Quoted	February 13
*Alexandria	Piastres to £	97½-97½
Brussels	Francs to £	176½-176½
*Chungking	Per Dollar	2½-3½
Copenhagen	Kroner to £	19.32-19.36
Dutch West Indies	Florins to £	7.58-7.62
Paris	Francs to £	479.7-480.3
Lisbon	Escudos to £	99.80-100.20
Montreal	Dollars to £	4.43-4.45
New York	Dollars to £	4.02½-4.03½
Stockholm	Kroner to £	16.85-16.95
Zurich	Francs to £	17.30-17.40

*Free market rates

U.S. Drug Market Report

New York, February 8

PRESCRIPTION items continue in good demand with **SALOL** and **ACETYSALICYLIC ACID** becoming more difficult to obtain while the supply of **PHENOBARBITAL** has become somewhat tighter of late. Ample quantities of medicinal **COD-LIVER OIL** are available though many importers consider that prices asked for the Norwegian poultry-type are excessive. **BISMUTH** and **SODIUM PERBORATE** supplies are inadequate to meet current demand though as regards the latter, the reduction in Government requirements of 100-volume peroxide is expected to occasion increased supplies for perborate manufacture. Despite the recent quotation reductions for domestically produced **TARTRATES**, an unsettled tone still prevails due to considerable quantities of the imported material on the market. **METHANOL** and **MERCURY** are both fairly inactive at the present time while there have been no developments in the easy Brazilian **METHOL** position. **PHOTOGRAPHIC MATERIALS** continue to move out promptly in large quantities against the strong demand. The new quota of **VANILLA BEANS** from Madagascar (250 tons which, it is stated, must cover the last five months of 1946) has already been sold up. Meanwhile, dealers here are hoping for some further supplies before this delivery becomes available in August in view of the extreme shortage at the present time. Generally quiet conditions prevail on the **DRUG MARKETS** though rather higher prices have been quoted for such botanicals as **BELLADONNA LEAVES** and **PAPAIN**; spot offerings of **BALSAMS** are becoming smaller, while a higher price for **TOLU** is virtually nominal at the present time. Some importers anticipate substantial deliveries of drugs from European countries before the end of 1946, though so far little supporting evidence is available. Recent arrivals include **COCILLANA** from Chile, **GUM ACACIA** from Port Sudan and **HENNA** from Egypt; however, heavy detentions by the Food and Drug Administration continue. Latest advices regarding Chinese offerings of **WOOD**, **CASSIA** and **ANISEED OILS** state that the first is unoffered here while nominal quotations on cassia and aniseed are unchanged from last week (\$5 and \$2-3, respectively). Some hesitancy has been in evidence as a result of no guarantee being received from Chinese exporters that the materials will meet United States Government import inspection requirements. There will only be limited

improvement in the supply of **ES** **OILS** in the U.S. during the early of 1946, the Department of **C** reports. While sufficient quant **PEPPERMINT** and **SPEARMINT** will be able to meet demand, any improve the supply of **LEMON** depends on the ling off of Government requireme release of surplus Government sto additional arrivals from Europe. **I** production of both **LEMON** and should show an increase while im the latter from Brazil will aid the limited supplies, it is added. Esse conditions in France make it unlik any substantial quantities of **FLOR** be imported from that source.

Pharmaceutical Chemical

ACETANILIDE.—Makers' price for per steady at 2s. 5d. per lb. and that for cr 2s. 6d.

ASPIRIN.—Home market prices per quantities of 28 lb.—1 cwt., are as follow tainers in brackets): 4s. 1½d. (1-lb.); 4s 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); (28-lb.).

ASPIRIN TABLETS.—Scales per 1,0 bulk supplies, are as follows: Under 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 25,000, 3s. 1d.; 50,000, 3s.; 100,000, 2 250,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,0 2s. 9d.

BARIUM SULPHATE, B.P. (x-ray).—market prices per lb., in lots of 28 lb. are as follows (containers in brackets): (1-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. 1s. 3d. (14-lb.); 1s. 2d. (28-lb.).

BENZYL BENZOATE.—Available for m purposes at 5s. 6d. per lb.; in 7-lb. tins, 6d.

BISMUTH CARBONATE.—Prices per lb. home market, in quantities of 14-lb.—28 as follows (containers in brackets): 11 (1-lb.); 11s. 1½d. (2-lb.); 11s. 1d. 11s. (7-lb.); 10s. 11½d. (14-lb.). **CITRA** per lb. above; **SALICYLATE**, 6d. per lb. **SUBGALLATE**, 4s. 3d. per lb. above; **SUBN** 1s. 2d. per lb. below.

BORIC ACID.—Current rates per ton follows: B.P. quality, granulated, £60; £61; powder, £62. Commercial grades, ton less. Packed in one-cwt. bags, de carriage paid in Great Britain, in one-t and upwards.

BROMIDES.—Current prices per lb. for **S** **IUM**, in 28-lb. lots, are as follows (contai brackets): 3s. 2½d. (1-lb.); 3s. 1d. (3s. (7-lb.); 2s. 11½d. (14-lb.); 2s. 10½d. (2 **SODIUM**, 1½d. per lb. less, and **AMMONIUM** per lb. more, than above rates.

BORAX.—Current rates per ton are as fo B.P. quality, granulated, £38; crystal,

£39 10s. Commercial grades, £8 per cwt. Packed in one-cwt. bags, delivered paid in Great Britain, in one-ton lots upwards.

LINE.—Current rates per oz. are as follows: **ALKALOID.**—Under 25 oz., 1s. 4½d.; and under 100 oz., 1s. 4d.; 100 oz. and upwards, 1s. 3½d. **NITRATE AND SULPHATE.**—25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100-oz. and under 500 oz., 1s. 2½d.

CHLORAL HYDRATE.—Current prices are: 35 lb., 10s. 6d. per lb.; 56 lb., 4s.; 28 lb., 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; less, 3d.

CITRATES.—Prices per lb. current in the home market for **POTASSIUM CITRATE**, in quantities of 1 lb. cwt., are as follows (containers in brackets): 3s. 7½d. (1-lb.); 3s. 6d. (4-lb.); 5s. 7½d. (7-lb.); 3s. 4½d. (14-lb.); 3s. 3½d. **FERRI ET AMMON. CIT. B.P.**, 2d. per lb.; **SODIUM, B.P.**, 3d. per lb. below; 1 lb. cwt. per lb. extra.

CAFFEINE.—Current prices per oz. for small quantities are as follows: **Base.**—½ oz., 55s. 3d.; ¾ oz., 51s. 3d.; 3 oz., 50s. 6d.; 1 lb., 49s. 3d. **HYDROCHLORIDE.**—½ oz., 50s.; ¾ oz., 46s.; 3 oz., 45s. 3d.; 1 lb., 43s. 9d.; 1 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 6d.

DOSE.—Prices per lb. current in the home market for bulk supplies are as follows: 1 lb., in 14-lb. lots, 1s. 0½d.; 28 lb., in 14-lb. lots, 1s.; in 28-lb. lots, 11d.

DIAZEPHINE.—Current rates per oz. for all quantities are as follows: **Base.**—½ oz., 1 oz., 56s.; 2 oz., 54s. 6d.; 3 oz., 53s. 6d. **HYDROCHLORIDE.**—½ oz., 51s.; 1 oz., 51s. 9d.; 2 oz., 50s. 3d.; 3 oz., 49s. 3d.

ETHYL METHYLATE.—Technical grades quoted per lb. as follows:—

Name	w. qts. per lb.	Not less than	
		6 w. qts. per lb.	12 w. qts. per lb.
not for	s. d.	s. d.	s. d.
...	1 11½	1 11	1 10½
...	1 10	1 9½	1 9

MORPHINE.—Small quantities are quoted by makers as follows: **Base.**—3s. 6d.; 1 oz., 59s.; 2 oz. 57s. 6d.; 3 oz., 56s. 6d. **HYDROCHLORIDE.**—3s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s.

GLUCOSE.—Powdered monohydrate for the home market is quoted as follows: 14 lb.—28 lb., 11½d. per lb.; 28 lb.—112 lb., in 5s. 11½d.; in 28-lb. lots, 10½d.

PROPRINE.—Makers' prices per oz. are as follows (prices per gram in brackets): 1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 1 lb., 84s. (4s.). **HYDROCHLORIDE, HYDRO- AND SULPHATE.**—1 oz., 75s.; 4 oz., 65s. (3s. 2d.),

IODINE PREPARATIONS.—Current rates are as follows: **POTASSIUM IODIDE, B.P.**—112 lb., 9s. 3d.; 28 lb., 9s. 9d.; 14 lb., 10s. 3d.; 7 lb., 11s. 9½d.; 4 lb., 12s. 3½d.; smaller quantities, 12s. 9d. per lb. **SODIUM IODIDE, B.P.**—28 lb., 10s. 2d.; 14 lb., 10s. 8d.; 7 lb., 12s. 5½d.; 4 lb., 13s. 1½d.; smaller quantities, 13s. 11d. **IODOFORM, B.P.**—28 lb., 13s. 4d.; 14 lb., 13s. 10d.; 7 lb., 16s. 0½d.; 4 lb., 16s. 10½d.; smaller quantities, 17s. 8d. **IODOFORM CRYSTALS.**—2s. per lb. above powder prices. **IODINE RESUBLIMED, B.P.**—112 lb., 10s. 8d.; 28 lb., 11s. 2d.; 14 lb., 11s. 8d.; 7 lb., 13s. 5½d.; 4 lb., 14s. 1½d.; smaller quantities, 14s. 10d.

LACTATES.—Prices are as follows: **LACTIC ACID.**—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. **CALCIUM LACTATE.**—Small quantities, 2s. 5d. per lb. **CALCIUM SODIUM LACTATE.**—Powder, small lots, 3s. 7d. per lb.; 14 lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, one penny per lb. extra.

MAGNESIUM CARBONATE, LIGHT.—Home market prices per lb., in lots of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. 4d. (1-lb.); 1s. 2½d. (4-lb.); 1s. 1½d. (7-lb.); 1s. 1d. (14-lb.); 1s. (28-lb.). Prices net one month.

MAGNESIUM CARBONATE, HEAVY.—Prices per lb. for the home market, in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. 7d. (1-lb.); 1s. 5½d. (4-lb.); 1s. 4½d. (7-lb.); 1s. 4d. (14-lb.); 1s. 3d. (28-lb.).

MAGNESIUM TRISILICATE.—Prices per lb. in the home market in quantities of 28 lb.—1 cwt. are as follows (containers in brackets): 3s. 9½d. (1-lb.); 3s. 8d. (4-lb.); 3s. 7d. (7 lb.); 3s. 6½d. (14-lb.); 3s. 5½d. (28-lb.).

MANDELIC ACID.—Current quotations are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

MANDELATES.—Makers' quotations are unchanged. **SODIUM AND CALCIUM.**—4 oz., 8 oz., and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 28 lb. (in 7-lb. packages), 15s. per lb., net. **AMMONIUM (50 per cent. solution).**—4 oz., 8 oz., and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11½d.; 28 lb. (in 7-lb. packages), 7s. 11d. per lb., net. Packages extra and returnable.

METHYL SALICYLATE.—Small quantities are quoted at 2s. 6d. per lb.; winchesters at 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 11½d.; 5 cwt., 1s. 11d. All prices net.

PHENOLPHTHALEIN.—Unchanged at the following prices: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

POTASSIUM PERMANGANATE.—Current rates are as follows: **B.P.** (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. **TECHNICAL** (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. **TECHNICAL** (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.;

4 tons and over, 152s. Terms net, carriage paid station, containers extra and returnable.

PULV. BISMUTH. CO., N.F.—Prices per lb. current in the home market, for quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 2s. 6d. (1-lb.); 2s. 4½d. (4-lb.); 2s. 3½d. (7-lb.); 2s. 3d. (14-lb.); 2s. 2d. (28-lb.).

SANTONIN.—Prices are at the following rates per kilo:—

	Per kilo	Per lb.	Per oz.
	£	s. d.	s. d.
25 kilos	42	38 1 0	23 10
10 kilos	43	39 0 3	24 5
5 kilos	44	39 3 3	24 11
2-4 kilos	45	40 8 3	25 6
1 kilo	46	41 7 3	26 1
500 gm.	47	42 6 6	26 8
250 gm.	48	43 5 6	27 3
100 gm.	49	44 4 6	27 9
Smaller quantities..	50	45 3 6	28 4

Net cash, 14 days. Containers of more than 500 gm. or 16 oz. and all outer packages free.

TERPINEOL.—Pure medicinal quality may be obtained at from 3s. 3d. to 4s. per lb., according to quantity.

Crude Drugs

ANTIMONY.—No changes have occurred in the price or supply positions. Current rates are as follows: English minimum 99.6 per cent. regulus, £125 per ton; 99 per cent., £117 10s., delivered; 70 per cent. crude, for the home trade, £100.

ARECA NUTS.—Spot supplies may be obtained at the unchanged price of 85s. per cwt.; shipment, 55s., c.i.f.

BALSAMS.—Position and prices are unchanged. Peru, spot, 8s. 3d. per lb.; Canada, 13s. 6d. to 14s. per lb.; Tolu and Copaiba are not available at present.

BELLADONNA.—Indian root may be obtained on spot at 2s. 3d. per lb., but the test is low. English herb is steady at 4s. 6d. per lb.

BENZOIN.—Considerable request is being received for this item but no stocks are available.

BISMUTH.—Metal is steady at 6s. 8d. per lb., in minimum 5-cwt. lots. A good demand is being received.

BUCHU LEAVES.—Small stocks are available at 5s. 6d. per lb.

CARDAMOMS.—Continuing scarce and firm with Aleppy seed quoted at 8s. 6d. per lb. on the spot; Aleppy greens are at 7s. 3d. to 7s. 6d. per lb.

CHAULMOOGRA.—Price of *Hydnocarpus* is unchanged at 2s. per lb., in tins in cases.

CHILLIES.—Quiet conditions continue with the spot price fully 150s. per cwt.

CINNAMON CHIPS.—Spot supplies are small; price is steady at 2s. 2d. per lb. Quills are not available.

CLOVES.—Zanzibar, London, 1s. 4½d. per lb. landed terms; shipment, February—9½d. per lb., c.i.f., buyers' licence.

COCHINEAL.—Silvers are now offered at 5s. 6d. per lb., and blacks afloat at the price.

COCOA BUTTER.—The maximum price under the official Order is 1s. 5d. per factory or warehouse, but this price has exceeded under licence.

COLOCYNTH.—Good-quality pulp may be obtained on the spot at 2s. 6d. to 2s. 9d. Business continues fair.

DIGITALIS LEAVES.—Portuguese leaves may be obtained at 140s. per cwt., ex warehouse. English leaves, 2s. 6d. per lb.

ERGOT.—In poor supply on the spot. Remaining small lots of fair-quality material would be worth 7s. 9d. per lb.

GINGER.—West African, spot, 85s. per cwt.

GUM ACACIA.—Kordofan cleaned seed is easier on the spot at 71s. per cwt.; bleached is unaltered at 145s., and cleaned Talha may be obtained at 12s. 6d.

HENBANE.—Indian leaf is quoted on the spot at 250s. per cwt.; Egyptian (*muticus*), 85s.

JALAP.—Material testing 12 per cent. is offered on spot at 3s. 4d. per lb.

KAMALA.—Powder testing 6 per cent. would be worth from 2s. 9d. to 3s. per lb. spot.

KARAYA GUM.—Spot price of Indian gum is unchanged at 210s. per cwt.

KOLA NUTS.—Small supplies are now available on spot: African quarters, 8d. per lb.; African halves, 6d.; Jamaican washed halves, 7d.

MENTHOL.—Brazilian continues to be offered on spot at 32s. to 35s. per lb., duty paid bond, 27s. 6d. per lb.

MERCURY.—Controlled by official (C. & D., October 13, 1945, p. 388).

MYRRH.—Approximately £18 per cwt. may be wanted for good-quality Aden sorts.

NUTMEGS.—Supplies are short but price is unchanged. West Indian, 80s., 4s. per lb. sound unassorted, 3s. 10½d.; wormy broken, 3s. 6d.

NUX VOMICA.—Cochin, washed and galled, is quoted from source at 37s. 6d. to 40s. cwt., c.i.f. Some Cocanada may be had on the spot at 47s. 6d. per cwt.

PEPPER.—Whole, not picked over or cleaned, on sale to processors, is officially priced at 1s. per lb. for white pepper and 1s. per lb. for black pepper.

PIMENTO.—Quiet conditions obtain, but price is lower at 1s. 3½d. per lb., sellers' price; 122s. 6d. per cwt., c.i.f., buyers' licence.

SEEDS.—The only seeds available at present are DILL, priced at 110s. per cwt., on but stocks are small.

SA.—As noted last week, the general market is inclined to be firmer, with a good demand for export. Alexandrian hand-picked pods are nominal at 4s. per lb. Good manufacturing Alexandrian pods are quoted at 2s. 6d.; Tinnevely leaves, No. 1, 10½d., No. 3, 7d. per lb.

TACANATH.—Unchanged, with selected scarce and firm at £160 per cwt. Medium grades are quoted as follows: No. 1 white, 11s. 6d.; No. 2, white, £125; No. 3 white, £145; No. 4 white, £85; pale leaf, £50; leaf, £50; dark amber, £35; brown, £25; red-and-brown leaf, £20; red leaf, £15; hogg, £12 to £15.

MADRAS.—Sound-quality Madras finger is quoted on spot at 110s. per cwt.; shipment, 115s.

RIAN ROOT.—Belgian root will soon be available at 325s. per cwt., ex warehouse.

ES.—BEES'.—Dar-es-Salaam, Government stock, 210s. per cwt., other sorts, 205s., store (see Introduction). CARNAUBA.—

Fatty grey, spot, 725s., nominal; shipment, no offers; chalky grey, spot, 700s.; shipment, no offers; prime yellow, spot, 825s.; shipment, no offers. OURICURI.—Spot, 450s. CANDELLILLA.—Spot, 400s.; forward, not quoted.

Essential and Expressed Oils

CLOVE.—Quotations for English-distilled bud oil are steady at 12s. 6d. to 13s. per lb., according to quantity.

COCONUT.—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

COTTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £58, naked ex works.

GROUNDNUT.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°-52°, £63.

ESSENTIAL OILS CONTROL

The following circular, which replaces Circular No. 4, Circular No. 11, paragraph 1, and Circular No. 8, paragraph 3, has been issued by the Essential Oils Control.

Landing and Delivery Charges.—In connection with paragraph 3 of Circular No. 1, the Advisory Committee has approved the following scale of charges which D.P.D.s are authorised to make on all oils imported under licence (with certain exceptions shown separately below) to cover all expenses incurred by them from c.i.f. to delivered buyers' premises:

a. b. on oils up to 6s. per lb.	
b. on oils over 6s. but not exceeding 10s. per lb.	
b. on oils over 10s. but not exceeding 20s. per lb.	
b. on oils over 20s. but not exceeding 40s. per lb.	
b. on oils over 40s. but not exceeding 60s. per lb.	
b. on oils over 60s. per lb.	

Based on authorised c.i.f. price plus D.P.D.s' margin.

ptions to the above scale are:—	
.. In tins and cases	6d. per lb.
.. " " " "	6d. " "
Indian " " " "	7d. " "
.. " " " "	1s. 2d. " "
tin to be sampled and weighed gross.	
A proportion of tins to be tared.	
on Bark In tins	2d. per oz.
.. In bottles	2½d. " "
ood.—East African from ex warehouse to buyers' premises, 2d. per lb.	

Oils Imported by the Ministry.—The allowed to cover expenses from ex use to buyers' premises is shown on schedule of prices for these oils issued by the Committee from time to time or on

the allocation permit.

Margins.—By way of amplification of the provisions set forth in paragraph 1 of Circular No. 1, the attention of D.P.D.s is drawn to the fact that any customs duty which is paid on oil does not form part of the price upon which their margins are to be calculated.

Sharing of Margins.—Where oil is sold to a user through a nominated supplier who is not a D.P.D., the D.P.D. will invoice the nominated supplier at the user price and will refund to the supplier his share of the margin, i.e., one-third of the 5 per cent., together with any costs incurred by the supplier for insurance and delivery to the user's warehouse. These charges are allowed for in those set forth in the first paragraph above.

Delivery from Delayed Allocation Stock.—Where goods imported under licence are not allocated until after arrival, in which case the A.R. is responsible for landing, sampling, weighing, etc., under the terms of the delayed allocations stock undertaking, the A.R. will debit the D.P.D. with the actual costs incurred in these operations as they are allowed for in the scale of charges laid down above.

Reduction of Levy from February 1, 1946.—The Advisory Committee, in conjunction with the Ministry of Food, have decided that the levy on all allocations made as and from February 1, 1946, shall be 1 per cent. on the c.i.f. price. This rate will apply to all oils, both those imported by the Ministry and through trade channels.

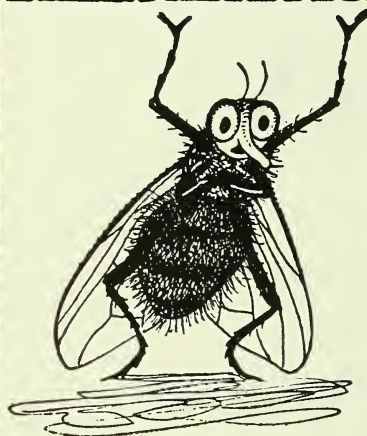
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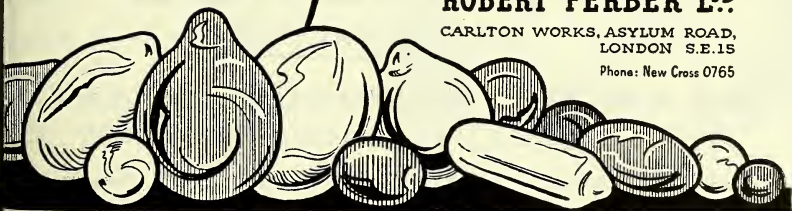
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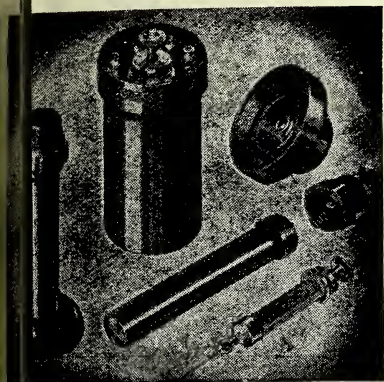
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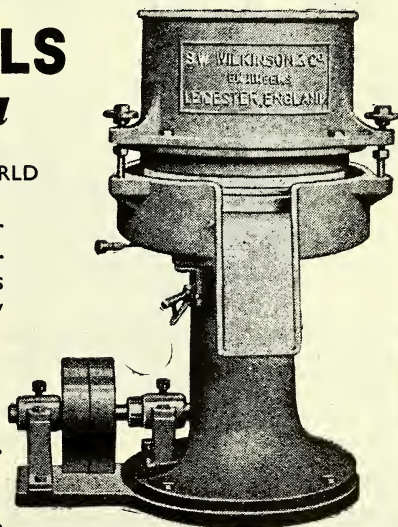
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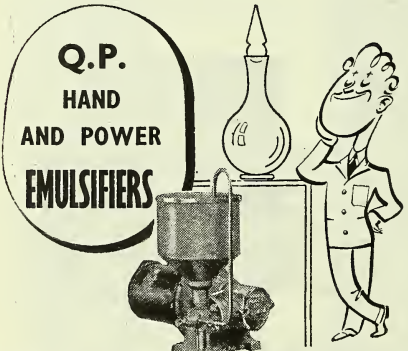
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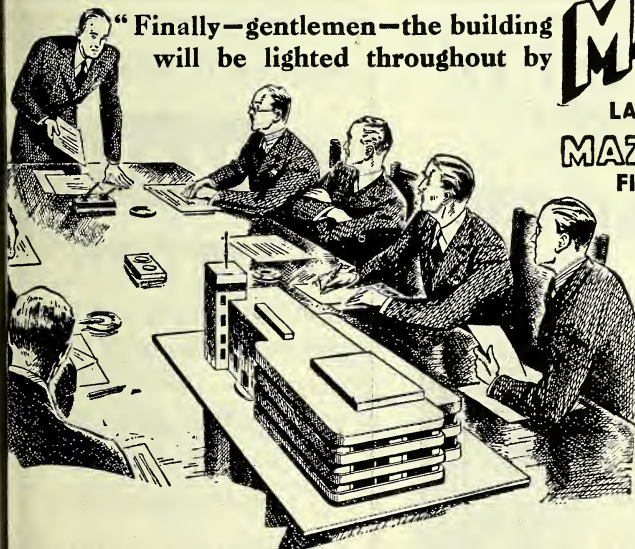
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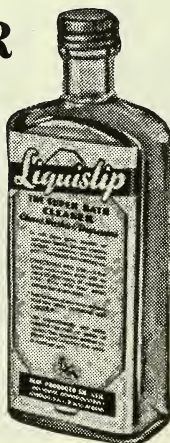
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The CHEMIST AND DRUGGIST SUPPLEMENT

26 ESSEX STREET, LONDON, W.C.2

FEBRUARY 16

1946

This Supplement is inserted in every copy of The Chemist & Druggist

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REQUIRED immediately by firm of Doctors, Qualified Dispenser holding Hall certificate. No Sunday work. Hours 10 a.m. to 7 p.m. Half day a week. 952/552, C. & D. Office.

REQUIRED, qualified Chemist, permanent, to commence during April or May. Busy middle-class retail business. Must be energetic and prepared to work; experience in latest medical products essential. Generous salary to first-class man, preferable ex-Service, short hours. 943/247, C. & D. Office.

ROYAL ARSENAL CO-OPERATIVE CHEMISTS, LTD., invite applications from Qualified Pharmacists for the position of Manager; Unqualified Assistants also required; good prospects and holidays with pay. Apply in writing, stating age, experience and salary required, to the Superintendent Chemist, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

SELFRIDGES, LTD., require an Assistant Buyer for the Drugs Dept.; the appointment carries a good salary for an energetic and fully qualified young man. Also an Unqualified Dispensing Assistant (male or female) required with good practical experience; no week-end duties. Apply Staff Manager, 400 Oxford Street, W.1.

STOCKPORT. Qualified assistant required, permanency, good prospects, superannuation scheme in operation, excellent experience in busy Pharmacy. Apply giving usual particulars, The Secretary, Stockport L. & E. Co-operative Society Ltd., Chestergate, Stockport.

ST. MARY CRAY (Kent). Qualified man required, no half day or other holiday duties—full particulars and salary required to Preston-Jackson, St. Mary Cray, Telephone: Orpington 96.

SUFFOLK. Qualified Lady Assistant, capable taking charge. Country Pharmacy. No Sunday or half day. Living accommodation available. Usual particulars to Forsters (Mthall) Ltd., High Street, Mildenhall, Suffolk.

SUPERINTENDENT Pharmacist required, either sex, for country business near Leeds; good congenial post, permanency. Please reply giving full particulars to F. D. Masterson, Sherburn-in-Elmet, Yorks.

UNQUALIFIED Female Assistant wanted. Please state experience and salary required to Marsons Ltd., 123 Baker Street, W.1.

UNQUALIFIED Assistant required, male or female. Apply D. Morris, M.P.S., High Street, Hurstpierpoint.

WANTED Dispenser-Secretary, some nursing experience an advantage, in Medical and Surgical practice. Apply with references to James Lyons, M.D., F.R.C.S., 12 The Avenue, Lincoln.

WANTED immediately, Qualified Gentleman. Please give usual particulars and salary required. S. Winroope, 23, Market Place, Great Bridge, Tipton, Staffs.

WANTED, Unqualified Assistant for Branch. Full Particulars in first letter. P. Jeyes & Co., Ltd., Northampton.

YOUNG Lady, Some Experience Developing and Printing. Central London. Apply 949/249, C. & D. Office.

LOCUMS WANTED

LOCUM Pharmacist take charge holiday required London Area, May to September inclusive. Apply 949/430, C. & D. Office.

QUALIFIED locum assistant required for 6 months. Salary £10 per week. Bell Ltd., Chemists, Hexham, Northumberland.

RETAIL (OVERSEAS)

WEST AFRICA. A permanent and progressive career is offered to Qualified Chemists (English Certificate only). Cor salary £500 to £600 per annum according to Separation and Children's Allowance to Mar Tour of 21 months' duration. 4½ months' full pay, free passages, furnished quarters attention and membership to Pension Fund only giving full particulars to "Y. F." c/o Barker & Sons Ltd., 31 Budge Row, London.

WHOLESALE

A LIVE Representative required for 4 Counties: Essex, Herts, Bucks, Berk Beds, Northampton, Hunts, Cambridge, Norfolk, Lincs, Notts, Leics. Must have Chemist connection, preferably Cosmetics, giving details of experience and lines to 950/483, C. & D. Office.

APPLICATIONS are invited for the post of Representative on behalf of well-known firm with chemists. Pharmacy qualification not essential but applicants must possess comprehensive experience. Vacancies for Bristol area, York and Midlands, and preference will be given to applicants already resident in those areas possessing existing connexion. Please write giving full particulars (which will be treated in confidence) including salary required to C. & D. Office.

ASSISTANT Manager required in Pharmaceutical Information Department (West London) an important group of companies manufacturing medicines, dental hygiene requisites and food. Must be M.P.S., B.Sc., or possessor of equivalent knowledge in therapeutics and allied sciences to instruct and supervise a team of representatives. A flair for writing professional advertisement an advantage. Applications giving qualifications, experience and salary details to Box J.1230, Bensons, Kingsway Hall, London.

CHEMIST (B. Pharm. or equivalent) required to lead a Pharmaceutical House to take of their laboratories situated near London. Experience in laboratory control of Pharmaceutical processes in preparation of ethical products is essential. The post offers good prospects for a chemist qualified and experienced. Replies in confidence to Managing Director, 949/458, C. & D. Office.

EXPERIENCED Counter Hands, male or female, for wet and dry Drug packing required to London Drug House. Apply with details of experience, etc. 952/562, C. & D. Office.

EXPERIENCED Counter Hand for Drug House required by Manufacturing Chemist 952/539, C. & D. Office.

EXPORT. Small firm of manufacturing Chemists (London) marketing proprietary and lines with established connections abroad require export manager. Knowledge of languages essential, willing to travel. Apply 950/472, C. & D. Office.

FULL-TIME Representatives with well established connections among Retail, Wholesale Manufacturing Chemists, Hairdressers and required for the following territories: North Counties, Yorkshire, East Anglia, West Midlands and South West. Salary, Commission, expenses 951/537, C. & D. Office.

INVOICE CLERK required in Export Department of a well-known firm of Manufacturing Chemists. Excellent prospects offered to man with knowledge of Drug and Chemical business and export procedure. Apply: Personnel Dept., Allen & Hanbury, Bethnal Green, E.2.

NG firm of Soft Drinks Manufacturers
Industrial Chemist; Graduate, or
student studying for Associateship, or Degree
ary. Please reply giving age, qualifications,
and salary required. 953/568, C. & D. Office.
ESTER District. A progressive, interest-
position for unqualified with thorough
of pharmacy. Preference given to
with knowledge of stocktaking or stock-
Apply, giving full details of experience, to
, C. & D. Office.

ACTURING Chemists (Lancs) require
or Laboratory (Wet) Assistant. Sound,
and progressive post. Write details age,
salary, etc. 953/574, C. & D. Office.

ACTURING Chemists in North-East
are a chemist to take charge of Works
action. Must be energetic and accurate
permanent and good prospects for a chemist
and initiative. Full particulars in confidence
, C. & D. Office.

ACTURING Chemists in N.W. London
are a Chemist for Analytical control and
production of Pharmaceutical Prepara-
ment and progressive opportunity for a
ability and initiative. Write stating age,
and salary required. 949/432, C. & D. Office.

ACTURING Chemists require production
nist, Man or Woman, B.Sc. or equivalent
for factory in North Devon. Full par-
951/522, C. & D. Office.

required for laboratory work. He must
be, or be prepared to acquire, some experi-
ments, in addition to having a flair for the
experiment. The position is permanent.
week. Pension scheme. Box 1484, Scotts,
street, W.C.2.

chemical House of high standing in London
two vacancies:

ACIST with wide experience of Galenical
manufacture. The vacancy carries with it con-
responsibility and definite opportunity for
advancement.

ACIST, preferably with major or equiva-
lents for responsible post in Man-
agement. Post offers considerable scope.
should be between 30 and 40 and have
experience including direction of staff.

ats are asked to apply in writing giving
experience, age and salary. All applications
treated as confidential. 952/531, C. & D. Office.

IED person required for the laboratory
development of ethical pharmaceutical pro-
position is permanent and offers scope to
with a flair for this work. Pension Scheme.
letter giving experience and salary required
urgent. The Crookes Laboratories, Gorst
K Royal, N.W.10.

ED, four Pharmacists or men possessing
valent scientific knowledge to act as pro-
representatives. Must reside in (1) Belfast,
W, (3) Swansea, Cardiff or Newport and
edge, or very near these towns. Required
women of good general education to call
nursing homes, etc. Pharmaceutical or
knowledge a decided advantage. Must
knowing towns or very near and willing to
neighbouring counties: (1) Exeter, Ply-
Devonport and (2) Bournemouth, Ports-
mouth or Salisbury.

ions (accompanied by recent photograph
giving age, experience, qualifications and
address to G.1228, Bensons, Kingsway Hall,

REPRESENTATIVES, Agents on Commission,
to represent first class house. Toilet
Cosmetics. Only those with established
need apply. State territory covered.
Home Counties, Provinces. First class
essential. Apply 952/541, C. & D. Office.
NG Clerk required for Office near London
E. Experience in Drug Trade an advantage.
position. Please state age, experience
required. 949/431, C. & D. Office.

REPRESENTATIVES required for various terri-
tories throughout the country by Manufacturers
of Pharmaceutical preparations regularly advertised
in the Medical and National Press. Applications
only considered from men of stability and initiative
with established connections amongst retail and
wholesale chemists. Salary, commission and expenses.
Write in full to 949/434, C. & D. Office.

SHIPPING Clerk required for Manufacturing
Chemists, N.W. London; previous experience
correspondence and export formalities essential.
Write full particulars, age, salary, etc. 949/433,
C. & D. Office.

SUPERVISOR, lady, required by well known old
established firm of Manufacturing Chemists
on south coast to take charge of department employ-
ing 30 to 40 women and girls engaged in filling,
labelling and packing Tablets, Pills, Proprietary
Medicines, etc.. Modern factory, good conditions.
Previous similar experience desirable. Particulars
of experience, age and salary, stating when free to
Box 385 c/o Street's, 110 Old Broad Street, E.C.2.

TABLET MAKER required by Lancashire Manu-
facturing Chemists. Reply giving details
experience, etc. 953/576, C. & D. Office.

UNQUALIFIED Energetic Man for Wholesale
Department of London Chemist. Eventually
full charge. Apply giving full details of previous
experience to "A", 949/446, C. & D. Office.

WANTED. Men with experience of Galenical
Process work, Chemical manufacture and
Wet Room Counter work. Apply: John Richardson
& Co. (Leicester), Ltd., Evington Valley Road,
Leicester.

WELL-INTRODUCED, whole-time Salesman
required by important Manufacturing Chemists
to take over and extend established connections with
Retail Chemists in the following areas: (a) South
Scotland, (b) Northumberland and Durham, (c)
Yorkshire. Applicants (who must be resident on
Territory) should give details of age, experience,
qualification, if any, and remuneration required.
953/575, C. & D. Office.

LONDON CORRESPONDENT

WANTED a correspondent to supply a
monthly contribution (about 1,500 words)
on matters of pharmaceutical and drug trade
interest. Irish Chemist and Druggist, 11-13
Findlater Place, Dublin.

WANTED capable, experienced Buyer (man or
woman) by Manufacturing Chemists mar-
keting internationally-known Cosmetic and Pharma-
ceutical products; knowledge of jar, tube and paper
supplies and packaging design essential; good
salary and excellent prospects; an important job
for an exceptionally energetic person. Write in
confidence stating full particulars, firms worked for
and salary earned. 944/274, C. & D. London Office.

WANTED Research Chemist for organic synthetic
work, preferably with experience in Emulsifiers
and emulsifying problems and in the lines of natural
and synthetic waxes. 952/537, C. & D. Office.

WANTED, Salesman with knowledge of Pharmacy
and with existing connection among Chemists,
to introduce on a commission basis two well known
proprietary lines in Southern Counties. Apply by
letter, Reade Bros. Ltd., Wolverhampton.

WELL-KNOWN London Company manufacturing
leading Proprietary Toilet and Medicinal
products requires first-class Representative for
Northern Ireland. Applicants must be resident in
the territory and have a good chemist connection.
State age, experience and salary required to 952/545,
C. & D. Office.

WELL-KNOWN London firm of Pharmaceutical
Manufacturing Chemists requires Pharmacist
to supervise a section of production. Permanent
position, good prospects. Apply in writing with full
particulars to 952/543, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

GENTLEMAN studying for B.Sc., seeks suitable position, several years Pharmaceutical experience. 951/526, C. & D. Office.

PHARMACIST-OPTICIAN. At present refractionist Royal Navy; available April. Extensive experience both Pharmacy and Ophthalmics, 15 years managerial. 952/555, C. & D. Office.

PHARMACIST, with Irish qualification, requires locum or permanency. Excellent Wholesale and Retail experience. 952/538, C. & D. Office.

WHOLESALE

ADVERTISER desires progressive position with (London) wholesale house, Checker, or Stock-keeper, or Wet or Dry counter hand. Good worker. Excellent references. 952/540, C. & D. Office.

ADVERTISER, 37, Car Owner, extensive connection Chemists, Stores and Sundries Buyers, Wholesale and Retail throughout South Wales is desirous of obtaining one or two good lines on commission basis. Would consider full time representation of Wholesale Chemists and Sundriesmen. 951/524, C. & D. Office.

ADVERTISER, 49, Unqualified, desires responsible position, 26 years experience, Manufacturing, Production, Staff Control. Knowledge of tablets and tabletting machines. 952/551 C. & D. Office.

CHEMIST at present retail, seeks appointment Sales or Manufacturing. Medallist, organiser, capable of staff control. London preferred. 952/529, C. & D. Office.

GENTLEMAN, seeks position as representative. Age 32 years. Six feet tall and of good appearance. Well known to chemists S.E. London, Kent and Sussex. Good car driver. Tel.: FUL 0751. 952/547, C. & D. Office.

PHARMACIST (35) first-class retail experience, seeks change. Manufacturing or Sales, London area. 952/530, C. & D. Office.

WAREHOUSE, Shipping and Despatch Manager, age 34, ex-Serviceman, at present engaged with large London firm Manufacturing Chemists, desires change. Efficient and thoroughly conversant with all procedure. Used to control and supervision of large staff. Excellent references. 953/565, C. & D. Office.

WELL-KNOWN Representative covering Lancashire with first-class Chemists and Stores connection desires change and seeks position with reputable House. 20 years' experience in the Pharmaceutical World. 952/548 C. & D. Office.

EXPORT TRADE

AUSTRIAN, 30, Chemical Manufacturer, long years experience, returning to Vienna, seeks agencies or employment with British firms interested in Central European Market. First class references. 952/533, C. & D. Office.

PALESTINE. Well-established Wholesale Drug Store (owned by leading Chemists) seeks connexions with first-class Manufacturers of Pharmaceutical and Cosmological Products. Sole Agency or Distributorship considered. Write: The United Chemists Limited, 55 Jaffa Road, Haifa.

WELL-KNOWN and introduced Egyptian importers desire Agency in the following lines: Hairdressers' Sundries, Cosmetics, Plastic and Rubber Goods, Pharmaceutical and Chemical Products. British Bank references on application. Please answer by Air Mail. Post Box 1351, Cairo, Egypt.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

AGENTS wanted on good commission to sell fancy goods, plastic cosmetic line. Highest references essential. Replies Box Dorland, 18/20 Regent Street, S.W.1.

EASTERN COUNTIES. Representative, experience with leading firm, and with connection amongst Chemists, etc., is open one or two first-class lines for this area on and commission basis. First class references changed and interview arranged if n 952/550, C. & D. Office.

MANUFACTURERS of nationally a insecticides require agents in all territories call on wholesale and retail chemists. Every given, attractive packs, show material and terms. State territory covered and lines 952/542, C. & D. Office.

MANUFACTURING CHEMIST keenly interested in contacting reputable Manufacturer require representation to wholesale or retail. Would act as agent. Office available. Intends all kinds Chemicals, Drugs, Plastics, sundries. First-class connexion. 952/558, C. & D. Office.

NORTHERN IRELAND'S leading agent for Toilets and Sundries with large connection amongst chemists, seeks quantities of goods from Manufacturers. Also interested in other lines for Chemists. Send prices and samples to Mr. Co., 46-48, Donegal Street, Belfast.

SCOTLAND. Agent employing four full-time working Scotland only intensively and thoroughly, has opening for an additional Agency reliable firms considered. 951/523, C. & D. Office.

WELL-KNOWN firm of distributors requires position to accept two further products distribution to the Pharmaceutical Trade. (Distribution can be obtained with Chemists Company also has its own manufacturing distributing companies abroad. Write in confidence to 948/402, C. & D. Office.

WELL-KNOWN Representative covering Lancashire and Cheshire desirous of one or two additional first-class Chemists' lines. 952/549 Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

HILLIER, PARKER, MAY & ROWDEN, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound aggressive single-shop Businesses occupying trading positions in London and Province. Group Concern would be seriously considering Owners contemplating sale or their solicited invited to write for further information to Parker, May & Rowden, 77 Grosvenor Street, W.1.

WANTED, Manchester district or Lancashire coastal town preferred. High or mid-range Pharmacy with or without optics. Turnover upwards or prospects of increasing. Living accommodation preferred but not essential. Cash at Replies in confidence to 951/528, C. & D. Office.

TENDERS

THE COUNCIL of the Metropolitan Borough of Camberwell has for disposal a quantity of medical equipment, e.g. drugs, dressings, forceps, scissors, dishes, bed pans etc. Tenders invited for purchase after inspection. To be addressed to the Medical Officer of the Town Hall, S.E.5. (RODNEY 2081).
Town Hall, S.E.5. DARRELL MUSKIE
Town Clerk

APPOINTMENTS

Editor is required for an established Export Trade Journal covering the Drug, Chemical and Associated Industries. Applicants must have a thorough knowledge of the export side of the industries and be sufficiently experienced to edit the Journal with the object of promoting British trade in Export Markets. It offers an excellent opportunity for a man with modern ideas on make-up and the production of a first-class and attractive publication. Applications will be treated confidentially. Send particulars of previous experience, age and details to CBD/429, C. & D. Office.

PHARMACISTS at Lodge Hospital, Orsett, Grays, Essex and St. Margaret's Hospital, Margate, Essex. Non-resident. Must be qualified. Salary £300 p.a. plus war bonus. Apply to Medical Superintendent of Hospital.

GOVERNMENT OF SOUTHERN RHODESIA

Applications from qualified chemists and druggists are invited by the Government of Southern Rhodesia for appointment to the following posts in the Public Health Department:

DISPENSERS (male or female—not over 35) No. F.A.109—on the salary scale £300 per annum rising by annual increments of £25 up to £400 per annum.

SENIOR SECRETARIES (male—not over 35) No. F.A.110—on the salary scale £300 per annum rising by annual increments of £25 up to £600 per annum. The minimum salary for Dispensers and Hospital Secretaries may be higher than the minimum of the above (not exceeding four steps in such cases according to the qualifications and/or experience of the candidates appointed). There is a certain number of senior posts to which Senior Secretaries may be promoted, subject to vacancies occurring, on the salary scale £650 per annum rising by annual increments of £25 up to £750 per annum and one post in the Senior Office on the salary scale £775 per annum rising by annual increments of £25 up to £900 per annum.

In addition existing regulations provide for the payment of a marriage allowance of £50 per annum to a married man who is maintaining a family within this Colony, provided that the minimum salary and marriage allowance that he is paid may not exceed £650 per annum. Successful applicants will be required to undergo medical examination by a Government Medical Officer, and will be required to register as Chemists and Druggists in this Colony.

Applications, quoting appropriate Reference Numbers, stating age, marital condition, nationality, qualifications (with dates), names of persons to whom reference may be made, latest date on which duty could be assumed, to be sent together with copies (not originals) of testimonials to Ministry of Labour and Social Services, London Appointments Office, 11, Victoria Square, London, W.C.1, not later than 28th February, 1946.

ST. LUKE'S HOSPITAL, GUILDFORD

ASSISTANT PHARMACIST (Male) required; Salary £260 rising by £10 annually to £300 p.a. plus Bonus (at present £60); pensionable. Apply, giving age, qualifications, etc., to the Medical Superintendent.

SURREY COUNTY COUNCIL

ST. LUKE'S HOSPITAL, Guildford.

ASST. PHARMACIST. Temp. Must be M.P.S. or Ph.C. Salary £250 × £10—£300 p.a. plus bonus 23s. p.w. male, 18s. 6d. p.w. female. Apply to Medical Superintendent.

SURREY COUNTY COUNCIL

NETHERNE HOSPITAL, COULSDON.
(For nervous and mental illnesses).

There is a vacancy for a PHARMACIST at the above hospital. Candidates must hold one of the registrable qualifications of the Pharmaceutical Society. The salary is at the rate of £325 × £12 10s. to £375 per annum plus cost-of-living bonus, (at present £49 8s. 6d. for non-resident males).

Details as to permanency, superannuation, etc., can be obtained on enquiry.

Applications stating age, qualifications and details of previous experience, together with copies of recent testimonials, to be sent as soon as possible to the Medical Superintendent, Netherne Hospital, Coulsdon, Surrey.

SURREY COUNTY COUNCIL

BROOKWOOD MENTAL HOSPITAL, KNAPHILL, WOKING.

APPLICATIONS are invited for the post of Assistant Pharmacist at the above Hospital. Applicants must possess the M.P.S. qualification. Salary £250, rising by annual increments of £10 to £300 per annum, plus Council's war bonus, at present £59 16s. per annum. The appointment is subject to the provisions of the Asylums Officers' Superannuation Act, 1909, and the successful candidate will be required to pass a medical examination. If person appointed is single, accommodation can be provided in the hospital, if required. Applications stating age and experience, together with copies of recent testimonials, to be sent to the Medical Superintendent as soon as possible.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

ABERDEEN. Good middle- and working-class chemist business, single-fronted lock-up shop main thoroughfare. Kodak and Selo Agencies and N.H.I. Low rent. Further particulars 953/571, C. & D. Office.

BUSINESS for Disposal. A small Herbal and Drug Store with living accommodation, in a busy East Anglian town. Retiring from business after 26 years. Price £350. For particulars apply 952/534, C. & D. Office.

CENTRAL SUSSEX. Residential and market town. Easily worked and profitable business. Turnover, £6,300, net profit £1,000. Stock £1,800. Fixtures £400. Price £4,000. Small flat sublet £45. Rent £100 16 years lease. Rates £26. Present hands 18 years; retiring. Bank Manager's reference required. 952/553 C. & D. Office.

MIDLANDS. Fine old-established Chemists' Business for sale. Central, spacious shop, beautifully fitted, up to date, well stocked. All cash, and full wine licence, with or without freehold property. Full particulars given from properly audited books at interview. Apply 953/566, C. & D. Office.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less.

APPROXIMATELY: 7 lb. Aniseed Oil B.P., 90 lb. Brazilian Natural Menthol Crystals, 150 lb. Stearic Acid (Saponified) M.P. 131/132°, 9 lb. Peppermint oil B.P. Offers to 952/532, C. & D. Office.

FOR SALE. Three 6 ft. x 29 in. mahogany sloping lift-up glass top counter cases. Perfect condition. £3 0s. 0d. per foot. Seen at Nageles, 8/12 Broadwick Street, Wardour Street, W.1.

FOR SALE, 560 lb. of Methyl Salicylate. Apply Milton Antiseptic Ltd., 10/12 Brewery Road, London, N. 7. North 3021.

FOR SALE. 70 lbs. Oil Chenopodium Surplus Stock. Best offer. 1-gall. and 1-gall. lots. 952/556, C. & D. Office.

S SMALL quantity of Anti-gas Ointment No. 5, containing Chlor-benzanilide, Diethyl Phthalate, Stearic Acid, Hardened Whale Oil. £25 ton. Delivered London Area. Gray & Ross, 166 Piccadilly, W.1., Regent 0672/3.

SUBJECT remaining unsold. Limited quantities Aspirin, 6s. 0d. per lb.; Phenacetin, 13s. 0d. per lb.; Magnesium tri-basic phosphate, 5s. 6d. per lb.; caffeine citrate, 39s. 0d. per lb.; 2 gross 1-oz. amber jars, 65s. 0d. per gross; Art metal four-drawer steel filing cabinet, new lock, £19 0s. 0d. each. Waddell, 255 Mossbank Drive, Glasgow, S.W.2.

WORSSAM 1A Pelleting Machine to make pellets, 3/4"-3/8" dia. with hopper, belt driven. Reed Brothers (Engineering) Ltd., Bevis Marks House, E.C.3. Avenue 1901/5.

30 GROSS 6 oz. Pink Enamel Round Talcum Powder Tins. Barrington, Hannan & Son, 37 Lewisham Road, Lewisham, S.E.13.

112 LB. Genuine Spanish Spike Lavender. 2 x 28 lb. tins Bois de Rose. Offers to: Carl Mumby (Productions) Ltd, 46 St. Peter's Avenue, Cleethorpes.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

MANUFACTURERS of San Towels which due to shortage are in great demand, wish to contact manufacturers of lines suitable same clientele, to assist sales force not fully utilised. Replies to 953/577, C. & D. Office.

£800 ACTIVE Interest required. Unqualified person but excellent all-round experience and credentials Home/abroad. Wholesale, Retail, Travelling. J. Hoskins, 29 Carlyle Road, Staines, Middlesex.

PREMISES WANTED

FACTORY required about 4/10,000 sq. ft. with office accommodation. Would share existing factory in greater London area. Apply Box 290, New Era Advertising Service, Ludgate House, 107 Fleet Street, E.C.4.

WANTED

7/6 for 36 words or less, 2d. for every additional word

MOOORE MEDICINAL PRODUCTS LTD., Aberdeen, Scotland, require urgently the following: (1) Large quantities of Benzocaine, (2) Papaverine Hydrochloride and (3) 1/4-oz. coloured poison bottles. 952/546, C. & D. Office.

PLANT required. 1 Steam Jacketed Condenser, 40/60 gallon capacity vacuum gauge, thermometer pocket, swan multitubular or double surface condenser, vacuum receivers and suitable dry vacuum pump. Also: 1 Rotary Tablet Machine B.B. 27 or 33 pin head; 1 Rotary Tablet Machine D.3 and 1 Condenser, cylindrical, about 120 gallon capacity, with lid and draw-off cock. Apply, 948/412, C. & D. Office.

ROSE OTTO. Must be absolutely pure unadulterated. Highest prices offered. Send quantities entertained. Send particulars of soaps, etc., etc. Picot Ltd., 191 Hammersmith Road, London, W.6. Riv. 3336.

THIOGLYCOLLIC ACID wanted. Small and large quantities, both for home and export. W. H. Sharpe, 4A Clifton Park Avenue, Belfast.

URGENTLY WANTED up to 500 gross 2-oz. vials or bottles with or without corks. Immediate cash payment. Campbell, 2 Shepherd Street, Mayfair, W.1.

WANTED. Adhesive Plasters, Self-adhesive Bandages, Adhesive Dressings in quantities. 952/535, C. & D. Office.

WANTED. Surplus stocks of 2, 3, 4 and 5-oz. bottles. Shapes immaterial. Quantities prices to 342 South Lambeth Road, S.W.8.

WANTED 4-oz. Medical Flats or Bowls. Bottles, amber or white flint, 100 gross, 1,000 gross; will collect and pay prompt 942/212, C. & D. Office.

WANTED. 1-oz. bottles, small or large quantities. Machine made. Highest cash paid. W. 947/385, C. & D. Office.

WANTED. 1-oz. heavy squat cosmetic jars required. With or without lids. 952/412, C. & D. Office.

WHITE Petroleum Jelly B.P. required, delivered London; please state quantity available. 941/182, C. & D. Office.

PARTNERSHIPS

CONTINENTAL manufacturers of dental hygiene requisites and cosmetics desire to establish factory in England in partnership with financially strong British firm, preferably one manufacturing products. Please contact Haida Ltd., 62, Ton Way, Southgate, N.14.

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From the single unit—to the complete Pharmacy.
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